WPB Reconversion Plan to Ease Chemicals—Page 3

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

ABC

Volume 146 No. 11 | Schnell Publishing Company, Inc., Publishers | September 11, 1944

Magnesium Fluosilicate

The American Agricultural Chemical Company, for over 80 years, manufacturers of high quality products, now offers Magnesium Fluosilicate. Grades: Technical — fine crystals. Containers: Barrels — 350 lbs. net. Prompt delivery service from our plant at Carteret, New Jersey.

"AA QUALITY" CHEMICAL PRODUCTS

Monocalcium Phosphate	Carbonate of Ammonia	Magnesium Fluosilicate
Dicalcium Phosphate	Bone Oil	Zinc Fluosilicate
Disodium Phosphate	Bone Black Pigments	Phosphorus (Red)
Trisodium Phosphate	Sod. Acid Pyro Phosphate	Phosphoric Acid
	Hydrofluosilicic Acid	

The AMERICAN AGRICULTURAL CHEMICAL Co.

P. O. Box 2458—Detroit, Mich.

33 Offices in Principal Cities in U. S., Cuba and Canada

RECEIVED
SEP 11 1944
THE CHEMISTS' CLUB
LIBRARY

METHYL ACETONE

PROMPT DELIVERIES

TANK CARS DRUMS

Sales Agent

WM. S. GRAY & CO.

342 MADISON AVENUE, NEW YORK 17

Cable Address: Graylime Phone: MUrray Hill 2-3100

PRECIPITATED CALCIUM CARBONATES

When you need a pure, reasonably priced precipitated Calcium Carbonate, specify SWANSDOWN BRAND.

DIAMOND ALKALI COMPANY

PURE CALCIUM PRODUCTS DIVISION • BOX 407 • PAINESVILLE, OHIO

PRIOR CHEMICAL CORPORATION • NEW YORK

420 LEXINGTON AVENUE

Chicago Office: 230 N. Michigan Ave.

Selling Agents for

STANDARD CHROMATE DIVISION

Diamond Alkali Company, Painesville, Ohio

Publicker

COMMERCIAL ALCOHOL COMPANY

1429 Walnut Street, Philadelphia 2, Pa.

MANUFACTURERS OF

ACETONE
BUTYL ALCOHOL
BUTYL ACETATE
AMYL ACETATE
ETHYL ACETATE
ALCOHOL
(pure and denatured)

BORAX—BORIC ACID

Technical — U. S. P. — Special Quality

Crystal—Granulated—Powdered—Impalpable—Anhydrous

Manganese Borate Potassium Borate

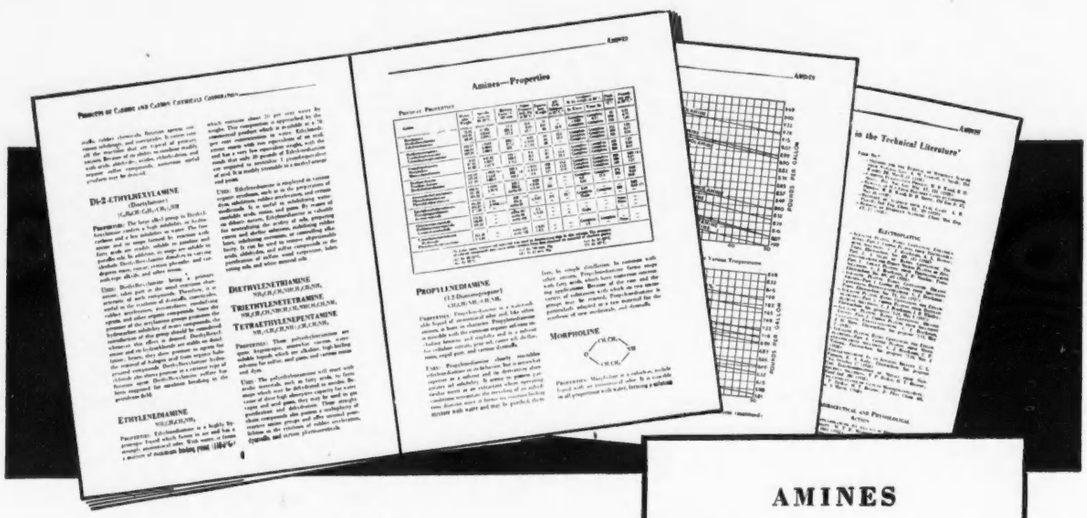
Sodium Metaborate

Ammonium Pentaborate Ammonium Biborate

PACIFIC COAST BORAX COMPANY

51 Madison Avenue, New York 10

CHICAGO 16 LOS ANGELES 14



"AMINES"

This new booklet is crammed with useful information about these interesting compounds

THE 25 amines produced on a commercial scale by Carbide and Carbon Chemicals Corporation are used in emulsifiers for camouflage paints, insecticides, and cutting oils. They are also used as carbon-removers, corrosion-inhibitors, and acid gas absorbents, and as intermediates in the production of dyes, detergents, photographic compounds, and pharmaceuticals. Each of them is described in this new publication available now for the first time.

Included in the booklet are general descriptions, physical properties (including graphs), specifications, and applications of these important chemical raw materials, as well as helpful bibliography.

You can have a copy of the booklet, "Amines," by writing for it. There is no obligation.

Similar booklets are available on "Glycols," "Organic Acids," and "Columbia Activated Carbon." We will be glad to send you a copy of whichever ones you need.

AMINES

Ethylenediamine
Diethylenetriamine
Triethylenetetramine
Tetraethylenepentamine
Propylenediamine

•

Monoethanolamine
Diethanolamine
Triethanolamine
Methyldiethanolamine
Diethylethanolamine
Aminoethylethanolamine
Phenylethanolamine
Phenyldiethanolamine
Ethylphenylethanolamine
Triisopropanolamine
Tetraethanolammonium Hydroxide

•

Butylamine
Diethylhexylamine

•

Acetoacetanilide
Chloracetoacetanilide
Dichloracetoacetanilide
Acetoacet-o-toluidide

•

Morpholine
Thialdine
Phenylmethylpyrazolone

For information concerning the use of these chemicals, address:

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

30 East 42nd Street UCC New York 17, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison *Published by Schnell Publishing Co., Inc.*

RECEIVED
SEP 11 1944
THE CHEMISTS' CLUB
LIBRARY

Vol. 146 No. 11 New York 7, N. Y. September 11, 1944

Tax Program Submitted by CED

OPD Washington Bureau

Its postwar scheme of Federal taxation designed to permit and further the expansion of business and the maintenance of adequate employment, was put out September 6 by the Committee for Economic Development. It would lighten the burden of corporation income levies and eliminate most excises and other hidden taxes, contemplating the raising of at least half of the Federal revenue by means of personal income taxes.

The plan, devised by the CED research committee was submitted to the house ways and means committee for study. It is based on the assumption that jobs must be provided for 7,000,000 to 10,000,000 more men than were employed in 1940 and that total Federal expenditures, exclusive of social security payments and debt retirement, will not be less than $16,000,000,000 annually.

Taxes on individual incomes would be modified by eliminating the present 3 percent normal tax, which allows no credit for dependents, while retaining the present $500 exemption for each taxpayer and dependent. The present combined tax of 23 percent for the lowest bracket of taxable income should be replaced by a single standard tax, ranging from 16 percent to 20 percent depending on revenue requirements. Tax rates on incomes above the lowest taxable bracket would also be substantially reduced throughout the range.

Taxes on business would be modified to replace present corporate in-

—*Continued on page 60*

Palmolive Advertising Stipulation Entered

OPD Washington Bureau

The Federal Trade Commission has accepted from Colgate-Palmolive-Peet Company, Jersey City, N. J., a stipulation to cease and desist from disseminating radio, periodical and other advertisements which misrepresent the composition, properties and effectiveness of certain soaps, dentifrices and shaving creams it manufactures and sells in interstate commerce.

According to the stipulation, the respondent corporation in claims made for the benefits to be derived from the use of 'Palmolive' soap, represented that the only natural oils in the product are palm oil and olive oil and that the latter is the familiar edible type; that 'Palmolive' soap contains significant quantities of olive and palm oils in their free state; and that its use on the skin will produce all the beneficial results obtained by the application of olive and palm oils.

With respect to these representations, the respondent corporation admits in the stipulation that ". . . in the manufacture of 'Palmolive' soap, in addition to palm and olive oils, a material proportion of coconut oil is used. Olive oil used in the manufacture of 'Palmolive' soap is not the familiar edible olive oil but is a commercial variety known in the trade as 'olive oil foots.' In the process of manufacture of 'Palmolive' soap, as is the case with cosmetic soaps in general, the oils are saponified and thereby physically and chemically changed, with the result that none of the oils in their oleaginous state exist in the finished

—*Continued on page 47*

Batcheller Succeeds Boulware in WPB

OPD Washington Bureau

Hiland G. Batcheller has returned to the War Production Board as vice-chairman of the Office of Operations. He suceeds L. R. Boulware, who resigned "for the good of the war effort, for the good of reconversion and for the good of Mr. Krug himself."

Mr. Batcheller resigned from WPB in November, 1943. Previous to coming to WPB Mr. Batcheller was president of the Alleghany Ludlum Steel Corporation.

Nitric Acid Supplies Stopped by Ordnance

OPD Washington Bureau

Shipments of nitric acid to industry have been stopped by ordnance plants, said the War Production Board September 5, because requirements by the Office of the Chief of Ordnance for the army are increasing. WPB announced August 4 that these shipments would end October 1, but heavier military needs for nitric acid have made immediate stoppage necessary, officials explained.

WPB sees no prospect of improving the critical shortage of nitrogen. Present production facilities are adequate to provide all military requirements, but are not sufficient to take care of industrial needs, officials said. September production of nitrogen for industry was not so large as anticipated, and agriculture will not get its quota. Manufacturing industry is consuming the entire supply of anhydrous ammonia, leaving none for agriculture, WPB said.

FEA Cinchona Buyer Charged with Bribery

OPD Washington Bureau

Arrest of Charles Margolis, head of a Foreign Economic Administration cinchona purchasing mission, on charges of bribery, was announced September 2 by the Federal Bureau of Investigation. Mr. Margolis is now being held on $3,000 bond in New York.

FBI director Edgar Hoover said that Mr. Margolis had demanded $9,000 from Pierre Lakhovsky, a Bogota (Colombia) exporter. The exporter, who cooperated with the agency in the arrest, turned over to Mr. Margolis a package containing $300 in marked bills, Mr. Hoover said.

Mr. Lakhovsky came to Washington recently to press a claim for a six-figure sum sought as the result of agreements he contended were made

—*Continued on page 60*

WPB Reconversion Plan Will Ease Chemical Control

OPD Washington Bureau

A majority of the allocation orders regulating the production and distribution of chemicals and related products will be lifted immediately upon the termination of the European phase of the war or soon thereafter.

For the past month or more, officials of the Chemicals Bureau of the War Production Board have been surveying inventories, stockpiles, production, and distribution of all items under control. They report that they are ready to move immediately with the collapse of Germany, to revoke unneeded controls if this seems necessary and desirable.

There are approximately 100 orders regulating chemicals and their uses, many of them having been in operation almost since the start of the war. Some exist merely to enable the bureau to keep a check on supplies; others are channeling every pound of production into the war effort. How many will be revoked immediately was not disclosed but it seemed likely that most would be lifted and only those left that cover items vitally needed by the military and not yet in plentiful supply.

It also appeared likely that some orders would be kept in operation in order to make certain an even distribution of supplies to civilian users, for under a reconversion plan devised and just approved by WPB, it is possible that a "run" on some particular item or on some particular supplier might develop to prevent the normal functioning of the distribution system.

Prompt Releases Planned

As announced by WPB's acting chairman, J. A. Krug, it is proposed to remove all controls over materials

—*Continued on page 60*

A.C.S. Meeting In N.Y. Opens Today

More than 5,000 chemists and industrialists will participate in the 108th meeting of the American Chemical Society, which begins in New York today and continues for five days. Several hundred papers and addresses, reporting wartime research in practically every sphere of chemical science and industry, will be presented at sessions of the society's professional divisions. The general chairman of the meeting, sponsored by the society's North Jersey section, is Dr. Horace E. Riley of the research division of the Bakelite Corporation, Bloomfield, N. J.

The Priestley Medal, highest honor bestowed by the society, will be presented to Dr. James Bryant Conant, president of Harvard University, at a general meeting to be held at Manhattan Center, on Wednesday at 2 p. m. Dr. Conant will deliver an address on "Science and the National Welfare." Dr. Arthur C. Cope, associate professor of chemistry in Columbia Uni-

—*Continued on page 45*

Dow Corning Producing Silicones Commercially

First commercial production of "Silicones," new organosilicon polymers, has been announced by Dow Corning Corporation, Midland, Mich. Development of silicones on a semi-production basis has been in progress for a considerable time.

Dow Corning products include white fluids for high and low temperature use, electrical varnishes and insulating resins for high temperature operating electrical equipment, and lubricating greases for high temperature and chemical resistant uses.

Warplant Utilization Under New Committee

OPD Washington Bureau

Plans for the utilization of government-owned plants which will no longer be needed for the war effort after the collapse of Germany began taking shape in actions this week of War Mobilization Director Byrnes and Chairman Jesse Jones of the Reconstruction Finance Corporation.

The newly formed War Plants Utilization Committee held its initial meeting in the White House September 5 with OWM Director Byrnes. Steps were taken to secure from the War Department a list of all plants which will be kept after V-Day on a war-reserve and standby basis, plants which will be used for continued war production, and plants which probably will not be used.

Mr. Jones telegraphed all operators of government-owned plants to inform him immediately of their plans respecting postwar utilization of the plants—whether they contemplate acquiring the property for civilian activities, either under their options or through negotiation. The telegrams

—*Continued on page 58*

Contract Termination Rules Are Revised

OPD Washington Bureau

Substantial revisions in its procurement regulations 7 and 15 relating to contract terminations and disposition of nonmilitary property have been announced by the War Department, in procurement regulations revision number 40. Provisions of section VI of PR 7 regarding disposition of serviceable production, utility, and construction equipment and other serviceable nonmilitary property are changed to provide that such equipment and property will be redistributed or reported to a disposal agency within sixty days after it becomes idle.

New settlement and fiscal procedures, supplementing material contained in PR 15 regarding the negotiation of termination settlements of such contracts and subcontracts, have been adopted with respect to the settlement of terminated CPFF supply contrac's and subcontracts.

Postwar Economic Plan Submitted to Congress

OPD Washington Bureau

The house special committee on postwar economic policy and planning today gave congress a blueprint for meeting the problems of return to a stable peacetime economy. The committee program calls for the formulation of economic policies to encourgae employment and production, including measures to facilitate reemployment and recommending comprehensive revision of the tax structure.

The Colmer committee's report, the most advanced study submitted to Congress, points out that the primary job of government is to develop policies which will permit and encourage private capital and private industry to assume the major load of maintaining an adequate national income without the stimulus of large government expenditures.

One of the first jobs the committee posed for the Federal government was to adopt "a firm determination to hold Federal expenditures down to the minimum consistent with the proper functioning of the government."

The committee, the report said, is strongly opposed to the theory that government spending in itself can provide a satisfactory stimulus to production and employment. The committee report concluded, however, that the government will face a huge financial problem after the war, and one that must necessarily affect the economic status of every individual and corporation.

Federal expenditures in the postwar period will run to nearly $20,000,000,000 annually, the committee reasoned, after reviewing the probable charges for maintaining a strong military department, providing adequate care for veterans and servicing a national debt of nearly $300,000,000,000. The estimate of $20,000,000,000 is almost "inescapable," the committee said.

The committee suggested numerous revisions of the tax structure, intended to stimulate investment and production. It observed that it should be possible to "reduce taxes in the aggregate substantially below the extreme wartime levels," and said:—

Consideration should be given specifically to the relief of those tax burdens which bear heaviest upon the lower and middle income groups, and which penalize the enterprising business to which we must look for a large share of the funds for expansion of employment opportunities.

Financial Problems of the Peace

Liquid savings available to individuals are estimated at $111,000,000,000, and at present rate of accumulation may reach $150,000,000,000, by the end of the war, or nearly 3 times the prewar level.

Release of accumulated spending power presents a serious inflationary

—*Continued on page 60*

OPD Price Index

The OIL, PAINT AND DRUG REPORTER's relative record of prices for chemicals and related materials is currently as follows:—

Sept. 8, 1944	Sept. 1, 1944	Sept. 10, 1943
136.7	136.6	137.4

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

The markets for chemicals, oils, and drugs last week were almost featureless pricewise and in transactions. There was still some hangover of the effects in vanilla and cloves of the speculative anticipation of the business to be done in the goods that did not get past the U-boats. A boost in the price of stearic acid helped in giving the general price average a bit of an upward bulge.

Reconversion became a trifle less chimerical. Not much optimism in that respect was displayed. Inventories of chemicals, likely to become surplus, are generally figured to be big enough to take care of several months' requirements in civilian production. Their disposal will have a substantial effect on production schedules.

Bids Wanted

Acetic Acid, Glacial:—Division of Purchases and Sales, Department of Commerce, Washington (25); invitation 32913, opening September 11.

Cottonseed Meal:—14 tons, Division of Purchase, Sales and Traffic, Department of Agriculture, Washington (25); invitation 162-45, opening September 16.

Drugs:—Superintendent, Federal Security Agency, Freeman's Hospital, Washington (25); invitation 463, opening September 11.

Geraniol:—85 pounds, for Lorton, Va., Purchasing Agent, District Government, Washington (4); schedule 5952, opening September 13.

Ink, Black Multilith:—4,000 pounds, Division of Purchases and Sales, Department of Commerce, Washington (25); invitation 32916, opening September 14.

Laundry Supplies:—Chief Clerk, Department of Justice, Federal Reformatory, Chillicothe, Ohio; invitation 5-1958, opening September 11.

Multi-Vitamin Tablets:—6,400,000 tablets, Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-207, opening September 12.

Paradichlorobenzene:—250 bottles, General Purchasing Officer, The Panama Canal, Medical Section, Washington 25; circular 1453a, opening September 5.

Rock Salt:—Office of the Commissioner of Purchases and Supplies, City Hall, Cleveland; ordinance No. 729-44, opening September 14.

Soap, Laundry:—Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-204, opening September 11.

Soybean Oil, Refined:—2,240,000 pounds, Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-202, opening September 11.

Yeast Tablets:—60,000,000, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-205, opening September 15.

N.P.V.L.A. Executive Committee Nominated

The nominating committee of the National Paint, Varnish and Lacquer Association has nominated the following:—

T. J. Campbell, of the Valspar Corporation, New York.

N. W. Kelley, of the Southern Varnish Corporation, Roanoke, Va.

Harry M. Kuhn, of the Kuhn Paint & Varnish Works, Houston, Tex.

W. C. Stolk, of the American Can Company, New York.

F. L. Sulzberger, of the Enterprise Paint Mfg. Company, Chicago.

Val Wurtele, of the Minnesota Linseed Oil Paint Company, Minneapolis.

Aromatic Solvents WPB Order Revised

A revision of conservation order M-150 controlling distribution of aromatic solvents was announced September 8 by the War Production Board. The revised order changes the definitions of both class A solvents and class B solvents, and also has been broadened to include blends. A number of changes also were made in the schedule A product to eliminate a number of items and also to include some new items.

Obituaries

William Graham

William Graham, head of William Graham & Co., distributors of alcohol, rosins and other materials, Baltimore, died in Atlantic City, while vacationing. He was eighty-two years of age.

Frederic J. LeMaistre

Frederic J. LeMaistre, consulting chemical engineer, Philadelphia, died August 25. He was sixty-five years of age.

A native of Canada Mr. LeMaistre had been affiliated with the American chemical industry since his graduation from the McGill University in 1904. After two years with the American Cement Company, he joined E. I. duPont de Nemours & Co. and remained fourteen years. In 1916, he was given a leave of absence by the duPont company in order that he might go to France as a member of the American Industrial Commission which the French Chamber of Commerce had invited to study the technical problems involved in the reconstruction of the devastated area.

Returning to the duPont company, Mr. LeMaistre was appointed divisional head of the chemical department in charge of solvents, and he occupied this position until 1920, when he opened a consulting office in Philadelphia. He served as secretary of the American Institute of Chemical Engineers from 1930 to 1937.

Malcolm Mason

Malcolm Mason, secretary of the Peaslee Gaulbert Corporation, and associated with that company, and its predecessor for forty-six years, died August 31 of a heart attack in his home in Louisville, Ky. He was sixty-one years of age. Mr. Mason in recent years had been in charge of the company's naval stores department.

Surviving are his wife, a son and a daughter.

John E. Rousmaniere

John E. Rousmaniere, textile manufacturer and Mayor of Oyster Bay Cove, L. I., died September 6 at the age of sixty-six years. He was a Harvard law graduate, a former president of the Association of Cotton Textile Merchants of New York, secretary of the World War I service committee of the National Council of Cotton Manufacturers, and recently president of the Cabot Manufacturing Company, New York. Mr. Rousmaniere was also associated executively with the American Woolen Company, the Tubize Rayon Company, and Cosmos Imperial Mills. Before entering the textile industry in 1910 he practiced law and had a term in the Massachusetts legislature.

Harold Albert Smith

Harold Albert Smith, president of the Smith Agricultural Chemical Company, died at his home in Columbus, Ohio, August 30. He was fifty years of age.

Mr. Smith, who attended Ohio University, served in the Air Corps in World War I as a lieutenant. He succeeded his father as president of the company. He was a member of the directorate of the National Fertilizer Association.

Philip Howard Stott

Philip Howard Stott, a chemist with the dyestuffs division of E. I. duPont de Nemours & Co., died in Wilmington, Del., August 28. He was fifty-two years old.

A native of Rochdale, Eng., he was employed by chemical concerns in Manchester and Stalybridge before coming to this country in 1916. In 1917 he joined the Newport Chemical Company at Milwaukee, Wis., as a research chemist and later was chief chemist in charge of that firm's technical sales laboratory at Passaic, N. J. When the Newport Company became part of the duPont organization in 1931, he was assigned to the technical laboratory at Deepwater Point, N. J., and had served there since, becoming division head in charge of the application of dyestuffs to rayon, nylon and other synthetic textile fibers.

Cartel Eradication Backed by President

OPD Washington Bureau

President Roosevelt in his press conference September 8 declared his support of the position of the Department of Justice, that defeat of nazi armies must be followed by eradication of German cartels and stringent restrictions on cartel practices in international trade.

Making public a letter he had sent to Secretary of State Hull urging that he "keep your eye" on the whole subject of international cartels, Mr. Roosevelt told newsmen that the subject of international cartels would become most important in the next six months. He added that "we are approaching a time when discussions will almost certainly arise between us and other nations" on the cartel question.

The letter to Mr. Hull outlined the American traditional opposition to private monopolies and likewise the liberal American principles of free international trade for which Secretary Hull has long fought. The letter also commented that it was "unfortunate" that a number of foreign countries, particularly in Continental Europe, do not possess such a tradition against cartels, but on the contrary have given them encouragement on occasions.

Bowman & Co. Formed In Vitamin Field

Charles L. Bowman has announced the formation of a new firm of pharmaceutical distributors specializing in service to the vitamin industry. The new company, which is a co-partnership including Willis A. Diekema and Curtis Gray, will be known as Charles Bowman & Co. Sales and executive offices have been opened at 220 East Forty-second street, New York 17, New York. The business and accounting office is located at 130 Central avenue, Holland, Mich. A branch sales office will also be maintained in Chicago.

The new firm recently purchased the vitamin D plant of General Foods. Manufacturing facilities and laboratories are now being installed in Holland, Mich., and Los Angeles, Calif. Vitamin D products from these locations are produced under license from Wisconsin Alumni Research Foundation, and will be offered in various forms to the pharmaceutical food and feed trades.

Mr. Bowman was one of the pioneer vitamin manufacturers, and started the Vitab Products Company, manufacturer of natural vitamin B complex products in California in 1928. After the sale of this company in 1937, he became vice-president of International Vitamin Corporation. In 1940 he organized the pharmacetical division of Standard Brands, Inc., and was manager of that division until his resignation on September 1, 1944, to form his own company. At present Mr. Bowman is a member of the OPA Vitamin Industry Advisory Committee and a member of the organization committee of the National Vitamin Foundation.

Adams Succeeds Allen As RDC President

Resignation of Douglas H. Allen as president of the Rubber Development Corporation, and appointment of Francis Adams Truslow, heretofore vice-president, as his successor, were announced September 8 by Leo T. Crowley, Foreign Economic Administrator.

Mr. Allen has served the government for two and one-half years, first as special assistant to the president of the Rubber Reserve Corporation and then as president of RDC from the time of its formation in February, 1943. Although resigning as president, he will continue as a director of the corporation.

Oil Pact Hearing Deferred

Senator Connolly, chairman of the foreign relations committee, has reported that the committee decided to postpone hearings on the Anglo-American oil agreement until after the election.

Oil, Paint and Drug Reporter, Vol. 146, No. 11, September 11, 1944. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1944, by Schnell Publishing Company, Inc.

Table of Contents

News and Statistics

Adams RDC President ... 4
Allied Products Elects Ewald Pres ... 58
Aromatic Solvents Order Revised ... 4
A.C.S. Meets in N.Y. Today ... 3
American Eastern Petroleum Formed. 5
Batcheller Succeeds Boulware ... 3
Bolivian Health Program Extended ... 58
Bowman & Co. to Make Vitamins ... 4
Boyer Launches Advisory Service ... 42
Burke Retires from Socony-Vacuum. 68
C-D-I-C Club to Meet ... 52
Cartel Eradication Backed by Pres. . 4
Central Process to Interlake Chem ... 52
Chem. Salesmen's Golf List Swells ... 43
Chicago Perfumers Golf Sept. 22 ... 66
Clapp Rejoins Stein-Hall ... 42
Coke By-Products ... 47
Color Classes at Columbia ... 52
Contract Termination Rules Revised . . 3
Corn Products Chem. Appointments . . 42
Cottonseed Meal Set Aside ... 53
Eastman Kodak Lists Chem. Prices . . 58
Cryolite Surcharges ... 42
Dow Corning Producing Silicones ... 3
Duke to Head National War Board . . 5
Eagle-Pitcher Elects 3 V.P.'s ... 7
Fanning 25 Years with Malmstrom ... 7
Fats, Oils Output, Use: June ... 54
FEA Cinchona Buyer Held Briber ... 3
FEA Modifies Exp. to Mex. Control . . 5
Folger in WPB Field Post ... 5
General Petroleum to Expand ... 68
Golden Gate Paint Club to Golf ... 68
Goodrich Forms War Veterans Div ... 51
Hardwicke Succeeds Mitchell ... 72
Hercules Synth. Office in Cleveland. 58
Imported Bristle Prices Celled ... 5
Inventories Special Sales Rule Set ... 52
Itaconic Acid Production Cheapened . . 42
Junior Chem. Engineers Elect ... 7
Levy with White Co ... 51
Loomis Talc Elects Loomis Pres ... 52
Magnesium Output Cut 40 Percent ... 5
Marietta Dyestuffs Sold ... 47
Medical Care N. Y. Group Named ... 7
"Men of Oil" Exhibit ... 66
Methanol Output: June ... 58
Mo. Drug Ass'n Meets Sept. 13 ... 58
Nat. Carbon Sales Setup Complete ... 45
Nat. Pest Ass'n Meets Oct. 23 ... 58
New England Paint Club to Meet ... 52
New England Starch Sold ... 45
Newman Heads PWA Planning Staff . . 68
N.Y. BIMS Final Golf ... 66
Nitric Acid Supply Stopped ... 3
Packaging Institute to Meet ... 7
Paint, Varnish, Lacq. Sales: July ... 49
Palmolive Ad Stipulation Entered ... 3
Paradichlorobenzene Use Surveyed ... 45
Patents Custodian Upheld ... 7
Peanut Meal Set-Aside ... 53
Penick, jr., Montclair Trust Dir ... 66
Perry, Hackett in Publicity Posts ... 42
Pittsburgh Plate Glass Ups Auditors . . 52
Plastic Paint Sales: July ... 51
Postwar Economic Plan to Congress . . 3
Prod. Cutback Report by Byrnes ... 4
Production Cutback Report ... 7
Protective Coatings Overall M-Order . 5
Quartz Crystal Ceiling Eased ... 42
Research Tools Use Taught ... 42
Resins Book by Amer. Cyanamid ... 52
Rubber Authority Transferred ... 7
Smith Directs J&J Labs ... 58
Soda Cyanide Under M-300 ... 4
Solid Fiber Cont. Output Eased ... 5
Soybean Meal Set-Aside ... 53
Sullivan G. E. Resin Ad Supervisor ... 52
Synth. Organic Detergents Allocated. 5
Tax Program Submitted by CED ... 3
Temple Joins Foots Mineral ... 42
Univ. Match Buys Schutter Cando ... 42
Warplant Use Under New Com ... 3
Westvaco Names Director ... 45
WPB to Ease Chem. Control ... 3

General Features

Bids Wanted ... 4
Corporation Earnings ... 67
Current Market Quotations ... 9
Editorials ... 38
Imports ... 72
Industrial Uses of Chemicals ... 7
Obituaries ... 4
OPD Price Index ... 4
Scientific, Professional Services ... 68
Trade Briefs ... 42

Market Reports

Botanical Drugs, Spices, Gums ... 63
Coaltar Chemicals ... 47
Drugs and Fine Chemicals ... 57
Essential Oils, Other Aromatics ... 65
Fertilizer Materials ... 69
Heavy Chemicals ... 41
Oils, Fats and Waxes ... 53
Petroleum Derivatives ... 67
Protective Coatings Materials ... 49
Textile Leather Chemicals ... 48

Soda Cyanide Control Under M-300

Allocation order M-366 covering sodium cyanide was revoked September 8 by the War Production Board and control over distribution of the material was transferred to the general chemicals allocations order M-300. Sodium cyanide is covered in that order under schedule 45.

Crown Cork to Build in Ga.

Crown Cork & Seal Company, Baltimore, has acquired a 27-acre tract of land at Atlanta, and plans to erect a branch factory on the site.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The problem of what to do with all the alcohol that will be available when the war ends, and much of the present capacity to produce will be surplus, promises to be one of the biggest headaches of government planners. As long as the nation has to depend on synthetic sources for its rubber supply, the problem of surplus alcohol won't present itself; but officials recognize that they are going to have to face it some day when natural rubber again comes in the market. For that reason considerable thought is being given in some quarters to the problem now.

For the most part it is believed that alcohol from grain will find little market in the synthetic rubber industry, for the simple reason that costs of such alcohol are so high that rubber produced therefrom could not compete with the natural rubber of the Far East. There will always be a synthetic rubber industry in this country, because the public will not stand for scrapping of the plants and returning to dependence on foreign rubber supplies. But the industry will be built on petroleum, because this method is found to be about five times cheaper than the alcohol one at present prices.

In all probability the answer of what to do with most of the surplus alcohol from grains will be found in the use of alcohol as a fuel. The farm bloc for years has been agitating for a blended motor fuel composed of gasoline and alcohol. Scores of bills have been introduced in Congress in the past to require such blending, and while there is no such move on foot at the moment, since there is no lack of demand for alcohol, it can be confidently expected that the movement will start up again when the present market disappears.

No DSC Chemical Bargains

Defense Supplies Corporation is encountering difficulty in disposing of some of the surplus stocks of chemicals that are being turned over to it for sale by the army. Officials say that the trouble is that prospective buyers think that they should be able to purchase the materials for practically nothing and don't want to pay a fair price for them.

DSC is ready to make adjustments in prices where there is evidence that the materials are damaged or otherwise below standard, but in other cases prospective consumers should expect to pay a fair price. DSC says it has no intention of trying to make a profit on the surpluses, but neither has it any intention of permitting the government to suffer huge losses.

Somebody has to consider the taxpayer's interest in this surplus disposal problem, and that is what the DSC is trying to do.

Truck Tires Get Scarcer

Retailers and wholesalers with motor truck delivery services are facing their most crucial tire problems in the next several months. The shortage of heavy-duty truck tires which has been acute for some time, is now threatening to extend to light and medium tires, which are the ones mostly used in these services.

Because of the heavy demands of the military for tires of the larger sizes, the volume of tires remaining for replacement purposes for civilian use will permit the rationing at the rate of only 96,832 tires in sizes 8.25x20 and larger a month. This is but slightly more than one-half of the estimated requirements needed to restore essential motor services to the approximate volume actually supplied during the first months of this year.

Widespread curtailment of essential motor transportation services has already taken place because of the tire shortage, and ODT Director Johnson predicts that these breakdowns will occur more frequently with the continued deterioration of the condition of tires on the running wheels.

Postwar Bond Buying

Organized labor—at least that part of it represented by CIO—wants the payroll-deduction plan for sale of government bonds continued in the postwar period. The Treasury hasn't said what its plans in this respect are for the future, but there is a strong element in the department that agrees with CIO that the current method should be continued.

The payroll-deduction plan, aside from its primary purpose of enabling the financing of the war, has had two important beneficial results:—first, it has encouraged greater interest on the part of the people in their government and its operations, and second, it has promoted thrift habits which help to establish greater economic security for all the people. Continuation of the program in the postwar period would be an appreciable contribution to economic stability for individuals and for the nation as a whole.

Tax Revision Lags

It seems almost certain now that Congress has no intention of doing anything more than talk about postwar tax policies this year, and won't get down to writing a bill until well into 1945. Committee members who have been doing some of the spadework feel that, in view of the uncertainties, it would be folly now to write a new law. Should the war end immediately, there are many who would like to repeal, or at least reduce, the excess profits tax at once. But there would be many difficulties in obtaining enactment of a simple bill of that nature which would sidestep many other proposals such as revamping the individual income tax schedules.

Experts for the ways and means committee and the senate finance committee are continuing their technical studies and are making good progress. They are receiving tax plans almost daily; they are preparing tax tables; they are analyzing all summaries of fiscal positions. But they can not legislate, and it is up to the members of Congress to give the signal to begin writing the bill.

Paper Savings Asked

WPB is asking the sales and advertising departments of some 25,000 business firms to hold down on their paper requirements for sales promotion purposes until we can get over the hump of increased paper demands of the army and more essential civilian needs.

The board is proud of the fact that it hasn't yet had to issue orders controlling the enduses of printing and business papers and promises not to issue them if the users will make an extra conservation effort now. These suggestions are being made in the interest of further conservation:—

1. Printing should be designed to use the minimum amount of paper that will serve the intended purpose, with especial attention to elaborate brochures, mailing pieces, catalogs, calendars, wall, counter, shelf and window displays.

2. Review and postpone paper purchases and authorizations not needed now, and study distribution details to eliminate duplication and dissemination of advertising appeals to people not interested in the message.

Re-employing Veterans

The army has at last taken steps to help employers get back some of the men that they have lost to the draft, when these men are discharged from further military service. Hereafter when a man is released from the army a card will be sent to his previous employer, advising him of this fact.

The plan is being offered as a service to business and the veteran. It should prove helpful in many ways. In the first place, it should prove of assistance to the discharged veteran in returning to civilian occupations. In the second place, it should enable the employer quickly to adjust his own employment records in the light of the requirements of the selective service act. Under the act a veteran is entitled to his old job, provided he makes application for it within forty days of his discharge from the armed services.

Synthetic Organic Detergents Allocated

OPD Washington Bureau

Certain synthetic organic detergents have been placed under allocation, effective October 1, by the War Production Board, in order M-300. These detergents were defined as follows:—

Critical synthetic organic detergents means those alkyl aryl sulphonates, alkyl amide sulphuric esters and polyglycol fatty acid esters known by the following trade names:—'Nacconol NRSF,' 'Nacconol HG,' 'Nacconol NRG,' 'Nacconol NR,' 'Santomerse No. 1,' 'Santomerse No. 55,' 'Santomerse No. 3,' 'M.P. 189,' 'M.P. 189 SX,' 'M.P. 646,' 'Ultrawet A,' 'Ultrawet 40A,' 'Ultrawet 60A,' 'Igepon T,' 'Igepon T.D.,' 'Synthetic Detergent 92,' 'Neutronyx 33.'

The allocation period is the calendar month, and the small-order exemption without use certificate is 100 pounds in the aggregate of all kinds. Persons placing purchase orders for more than 100 pounds must file with suppliers a certified statement of the proposed use.

FEA Modifies Control For Shipment to Mexico

OPD Washington Bureau

The Foreign Economic Administration has announced a modification of its regulations covering the shipment of limited value items to Mexico under general license. The agency said it has been compelled to tighten its regulations because the volume of such shipments, being transported otherwise than by common carrier or through the mails, is causing congestion at the border ports of exit. In order to alleviate these conditions, the FEA requires that shipments conform to the following conditions:—

(1) The shipment is a single shipment (all commodities classified under a single Schedule B Number which move at the same time from one exporter to one importer on the same exporting carrier) provided that such shipment is transported by common carrier or is a mail shipment; or

(2) If the shipment is not a mail shipment or is transported otherwise than by common carrier, not more than one such shipment may be made by or on behalf of the same exporter to or for the account of the same ultimate consignee during the same calendar week.

Magnesium Production Cutback 40% by WPB

OPD Washington Bureau

A 40 percent reduction in primary magnesium ingot production from the current monthly rate of 23,000,000 pounds to a level of approximately 14,000,000 pounds was announced September 6 by the War Production Board. The reduction is to take effect over a period of time, WPB said. Reasons for the cuts are changes in military requirements and a rapidly growing stockpile, WPB explained. Plants affected by WPB orders are the Government-owned facilities at Las Vegas and Gabbs, Nev., and at Austin and Velasco, Texas.

Folger Gets WPB Field Operations Post

Assignment of James A. Folger, of San Francisco, as chief deputy vice-chairman for field operations of the War Production Board has been announced by WPB Vice-Chairman Donald D. Davis. He will assist vice-Chairman Davis in the operation and direction of WPB's field organization consisting of thirteen regional and 137 field offices. He succeeds Harcourt Amory, who has resigned to return to private business.

Tudor Bowen, New York, has been made Deputy Vice Chairman for Field Production Operations, and Samuel L. Shober, of Philadelphia, Deputy Vice Chairman for Field Distribution Operations.

American Eastern Petroleum Formed

American Eastern Petroleum Company, San Francisco, has been formed jointly by the Standard Oil Company of California and the Texas Company. The company will manage foreign exploration and development activities of companies jointly owned by Standard Oil and the Texas Company, with the exception of their Arabian and Bahrein interests.

Protective Coatings Overall M-Order Issued

The War Production Board has issued a comprehensive conservation order on protective coatings. The order, M-382, becomes effective September 20. The order, in part, follows:—

(a) Definitions. For the purpose of this order:

(1) "Protective coating" means any liquid organic coating, thinner or remover which either alone or mixed with other materials is normally applied to any surface by brush, spray, dip, roller coat, or other method of application. The term includes but is not limited to paint, varnish, enamel, lacquer, dope, lacquer or dope thinner, paint or varnish remover, and stain. The term does not include adhesive, cement, printing ink, coating for the manufacture of coated fabric, coating for leather (limited to hides, skins and splits, etc., which have not been incorporated into any product), and coating for footwear (of any material, including leather).

(2) "Critical coating" means any protective coating as defined above, which contains one or more of the following allocated raw materials:—

Acetone and diacetone, as defined in order M-352.
Benzene, as defined in order M-300-22.
Butyl alcohols and butyl acetates, as defined in order M-159.
Cadmium (cadmium pigments only), as defined in order M-65.
Chrome pigments (Class B only), as defined in order M-370.
Copper chemicals (cuprous oxide only), as defined in order M-227.
Ethyl acetate and Isopropyl acetate, as defined in order M-327.
Ethyl cellulose, as defined in order M-175.
E. W. naphtha, as defined in order M-340.
Isopropyl alcohol, as defined in order M-300-12.
Methylethyl ketone, as defined in order M-169.
Methylisobutyl ketone, as defined in order M-300-24.
Phenolic resins (protective coatings A only), as defined in order M-246.
Phosphate plasticizers, as defined in order M-188.
Phthalate plasticizers, as defined in order M-203.
Phthalic alkyd resins, as defined in order M-139.
Toluene, as defined in order M-300-21.
Urea and melamine aldehyde resins, as defined in order M-300-34.
Vinyl polymers, as defined in order M-10.
Xylene, as defined in order M-300-23.

(3) "Producer" means any person engaged in the business of making critical coatings.

(4) "Distributor" means any person who buys critical coatings for the purpose of resale as such.

(5) "Consumer" means any person who uses critical coatings.

(b) Restrictions on producers. On and

—Continued on page 55

Solid Fiber Container Production Control Eased

Permission to manufacture certain kinds of solid fiber containers in addition to "V" boxes without specific War Production Board authorization is provided in an amendment to direction 2 to WPB order M-290 issued, WPB's Paperboard Division announced September 6. Previously the direction forbade the use of solid fiber container production equipment for purposes other than the manufacture of "V" boxes without specific WPB authorization. Schedule A, now a part of the direction, lists the types of containers, besides "V" boxes, that may be made of solid fiber, with "W" boxes on the same level as "V" boxes.

Imported Bristle Prices Ceiled by OPA

Maximum prices for dressed hog bristle imported from China, India and Western Hemisphere countries, have been established by the Office of Price Administration. This action, effective September 12, makes no change in the retail price of brushes. Brush manufacturers' bristle costs, based on the prices established by this action, will approximate the bristle costs used by them in figuring their brush prices that were in effect during March, 1942, the base period of the regulation covering brushes.

E.R. Duke to Head National War Board

War Food Administrator Marvin Jones has named E. R. Duke as chairman of the National Agricultural War Board succeeding Col. Everett R. Cook, who resigned to take a position with the State Department. Until this appointment, Mr. Duke was manager of the Dallas office of the Federal Crop Insurance Corporation. He is a native of Texas and a graduate of Texas A. and M. College. For many years he served as county agent in his state.

COMMERCIAL SOLVENTS ROSSVILLE ALCOHOL

Commercial Solvents Rossville Alcohols are produced in pure form and in all denatured formulas to meet every industrial, pharmaceutical, and scientific need.

Branch Offices, Sales Agents, and Warehouses in Principal Cities

COMMERCIAL SOLVENTS
Corporation
17 East 42nd Street, New York 17, N. Y.

WPB, Commerce Dep't Get Rubber Authority

The Office of Rubber Director has been formally abolished by presidential order. The authority and functions of the director have been transferred to the chairman of the War Production Board. The Secretary of Commerce is to have direction over the activities of the Rubber Reserve Company.

J. A. Krug, acting chairman of WPB, has set up a rubber bureau in that agency, under the direction of James F. Clark, who had been assistant deputy direction of OPD since October, 1943.

All regulations, rulings, and other directives relative to ORD remain in effect, subject to change by the WPB chairman. RRC will have responsibility for the meeting of the national rubber program, as determined by the WPB chairman, in the purchase, sale, acquisition, storage, and transportation of synthetic and natural rubbers. It will also be responsible for research, development and testing of synthetic rubbers and new monomers therefor, and the testing of tires and tubes made from such materials.

Operation of plants, other than those in petroleum refineries, owned by or under contract with the Defense Plant Corporation or the Rubber Reserve Company under the synthetic rubber program will be a responsibility of the latter agency, subject to directives of the WPB chairman.

Mr. Krug has certified to the Attorney-General it is requisite to the prosecution of the war that all manufacturers of synthetic rubber and of rubber-consuming products, as he has requested them, collaborate, under WPB-RRC direction, in the exchange of technical information and the furtherance of technics, research, and tests.

Medical Care Group Named by N.Y. Governor

Albany, Sept. 5, 1944

Dr. Basil C. MacLean, director of Strong Memorial hospital, University of Rochester, has been appointed by Governor Dewey as chairman of the New York State Temporary Commission on Medical Care. Dr. MacLean served until recently as a lieutenant-colonel in the Office of the Surgeon-General of the Army. Lee B. Miller, assemblyman, Cornwall - on - Hudson, and superintendent of the Cornwall hospital, has been named vice-chairman of the commission.

Four physicians, a priest formerly president of the New York State Hospital Association, a lawyer formerly treasurer of the American Red Cross, and three registered nurses have been named members of the commission on medical care. Under the creative statute two members each are appointed by the State senate and assembly. The State commissioners of health, social welfare, and mental hygiene are ex-officio members of the commission. No statutory recognition is given to pharmacy or the drug trade.

Jr. Chemical Engineers Elect Officers

The Junior Chemical Engineers of New York City have elected officers for the coming year. They are:—President, Andrew E. Chute, of the Foster-Wheeler Corporation; vice-president, Randall D. Sheeline, of the Picatinny Arsenal; secretary-treasurer, Wm. B. Hudson, Foster-Wheeler Corporation, and assistant secretary-treasurer, Donald P. Heath, Socony-Vacuum Oil Company.

A series of monthly meetings has been arranged, the first of which will be held on September 28, at Child's restaurant, 109 W. 42nd St., and will feature a talk by Zola G. Deutsch, who recently announced his partnership with Alfred C. Loonam in the firm of Deutsch and Loonam, consulting chemical engineers and metallurgists. The subject of Mr. Deutsch's address will be "Collective Bargaining Related to Chemical Engineers."

Packaging Institute To Meet in New York

Packaging Institute will hold its annual meeting in the Hotel New Yorker, November 1 and 2. Sessions will be technical in nature and will deal mainly with questions of materials, machinery and production.

25 Years with Malmstrom

Frank G. Fanning, sales manager for N. I. Malmstrom & Co., lanolin and wool grease, Brooklyn, was tendered a testimonial dinner by N. I. Malmstrom, president, on September 7, in the Stockholm Restaurant, New York, on the occasion of his twenty-fifth anniversary of affiliation with the Malmstrom organization, Mr. Fanning is president of the Salesmen's Association of the American Chemical Industry.

Patents Custodian Upheld In N.J. Standard Case

Interference with the possession of the Alien Property Custodian of securities and patents valued at $35,000,000, which were turned over under protest last June by the Standard Oil Company of New Jersey and affiliated companies, was refused last week by Federal Judge Knox in New York.

Judge Knox held that while the court can protect the integrity of property wrongfully taken from a lawful owner, it had not been shown that the custodian was doing or about to do anything in violation of plaintiff's rights. Standard Oil of New Jersey and affiliated companies have pending an injunction suit in United States District Court to compel the return of their assets.

The securities are 20 percent of the outstanding stock of the Standard Catalytic Company, 50 percent of that of Jasco, Inc., and 25 percent of that of Hydrocarbon Synthesis Corporation. The patents, some 675 in number, cover processes for refining crude oil and making synthetic rubber and were acquired in 1929 in a transaction with I. G. Farbenindustrie, a German concern, which was allowed $35,000,000 in securities of the three companies.

Production Cutback Report Made by Byrnes

Those contractors who have been found by experience to be capable of producing required items of desirable quality at the desired scheduled rate will be the last to be released from war production under the criteria established for selection of cutbacks with the ending of the European stage of the war, Mobilization Director Byrnes disclosed September 9 in a report to President Roosevelt on government plans for reconversion.

As between contractors found qualified to continue war production until the defeat of Japan, the following factors will be considered; Mr. Byrnes said in selecting those to be released for civilian production:—

(1) Privately owned plants not normally engaged in production of a military character will be given first priority of release, due consideration being given to the wishes of the contractors; (2) government owned plants will be kept in operation or reserved until their production is clearly no longer required for military use; (3) Insofar as practicable, the production of those competing in the same industry will be simultaneously released.

Eagle-Picher Elects Three Vice-Presidents

Eagle-Picher Mining & Smelting Company, subsidiary of the Eagle-Picher Lead Company has elected three new vice-presidents and one new director. Vice-presidents are:—D. C. MacKallor, Hamilton A. Gray and Elmer Isern. Mr. MacKallor was also elected a director.

Industrial Applications of Chemicals and Related Materials

873rd Instalment **("Where You Can Sell")**

Fully protected by copyright

(Parenthetic figures are the numbers of patents in the United States or other countries; as designated)

Alphabutylalphahydroxy-gammaketoepsilonphenyl Delta-alphadeltahexadienoate

Photographic—Filter (U.S. 2276204) for sunrays of wave-lengths less than 4600 Angstrom units

Cosmetic—Filter (U.S. 2276204) for sunrays of wave-lengths less than 4600 Angstrom units

5-Alphaphenylisopropyl-2-naphthol

Disinfectant—Claimed (U.S. 2247402, 2247403, and 2247404) as germicide.

Insecticide and Fungicide—Claimed (U.S. 2247402, 2247403, and 2247404) as fungicide and insecticide.

Miscellaneous—Claimed (U.S. 2247402, 2247403, and 2247404) as antioxidant.

4-Betadiethylaminoethylthioethylamino-7:8-benzoquinolin

Pharmaceutical—Claimed (Brit. 481874) useful in destroying blood parasites (malaria), amebae, and worm infections

N-Betamorpholinoethyl Tetrahydrofuroate

Adhesives—Plasticizer (U.S. 2249518) in adhesive compositions, containing cellulose acetate

Ceramic—Plasticizer (U.S. 2249518) in coating compositions, containing cellulose acetate, used for protecting and decorating ceramic products

Chemical—Plasticizer (U.S. 2249518) for cellulose acetate

Cosmetic—Plasticizer (U.S. 2249518) in nail enamels and lacquers containing cellulose acetate as base material

Electrical—Plasticizer (U.S. 2249518) in insulating compositions, containing cellulose acetate, used for covering wire and in making electrical machinery and equipment

Glass—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used in the manufacture of non-scatterable glass and as coatings for protecting and decorating glassware

Leather—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metal Fabricating—Plasticizer (U.S. 2249518) in coating compositions, containing cellulose acetate, used for protecting and decorating metallic articles

Miscellaneous — Plasticizer (U. S. 2249518) in coating compositions, containing cellulose acetate, used for protecting and decorating various kinds of articles

Paint, Varnish, and Lacquer—Plasticizer (U.S. 2249518) in paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate

Paper—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used in the manufacture of coated papers and as coatings for protecting and decorating articles made of paper or pulp

Photographic — Plasticizer (U. S. 2249518) in making films from cellulose asetate

Plastics—Plasticizer (U.S. 2249518) in making laminated fiber and molded fiber and molded articles; plastics made from cellulose acetate

Resins—Plasticizer (U.S. 2249518) in resin-cellulose derivative solutions and other compositions

Rubber—Plasticizer (U.S. 2249518) in coating compositions, containing cellulose acetate, used for decorating and protecting rubber goods

Stone—Plasticizer (U.S. 2249518) in coating compositions, containing cellulose acetate, used for decorating and protecting artificial and natural stone

Textile—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used in the manufacture of coated fabrics

Wood—Plasticizer (U.S. 2249518) in compositions, containing cellulose acetate, used as protective and decorative coatings on woodwork; plastic wood compositions containing cellulose acetate used for many filling and repairing purposes on wood

5-Brom-2:1-naphththioindoxyl

Dye—Starting point (Brit. 541097) in making dyestuffs with the aid of 6-chlor-7-methylisatin, which have good fastness to light, chlorine, and washing, and are superior in fastness to boiling to those described in Brit. 198415

Butyl Pervanadate, Tertiary

Chemical — Oxidizing agent (U.S. 2169368) in organic syntheses.

Dye—Oxidizing agent (U.S. 2169368) in converting anthracene into anthraquinone.

Calcium Tetraiodoisophthalate

Therapeutic—Claimed (U.S. 2247880) as nontoxic, soluble, x-ray contrast agent

2-Chlor-3:5-dinitro-2-methoxybenzene Trifluoride

Chemical—New chemical claimed (U.S. 2257093) to be interesting in research and development

Chloroacetonitrile

Disinfectant—Claimed (Canad. 414667 and 414672) as fumigant.

Cholestanone

Chemical — Starting point (U. S. 2246540) in making 3-ethoxycholestadiene

Cholesterol

(Cholesterin)

Pharmaceutical—Claimed as antiseptic; antidote against the saponins, snake venom, hemolytic poisons

Starting point in making pharmaceutical compounds

2:6-Diallylphenol

Insecticide and Fungicide—Toxicant for houseflies (median lethal dose claimed to be 10.5 percent)

Dibutylbenzamide, Normal, Normal

Insecticide and Fungicide—Synergist for pyrethrins in oil base flysprays

Diethyl Tartrate-Naphthenylal

Textile—Dressing and conditioning agent (U.S. 2249519) for yarns, especially organic derivatives of cellulose, used in weaving or knitting processes

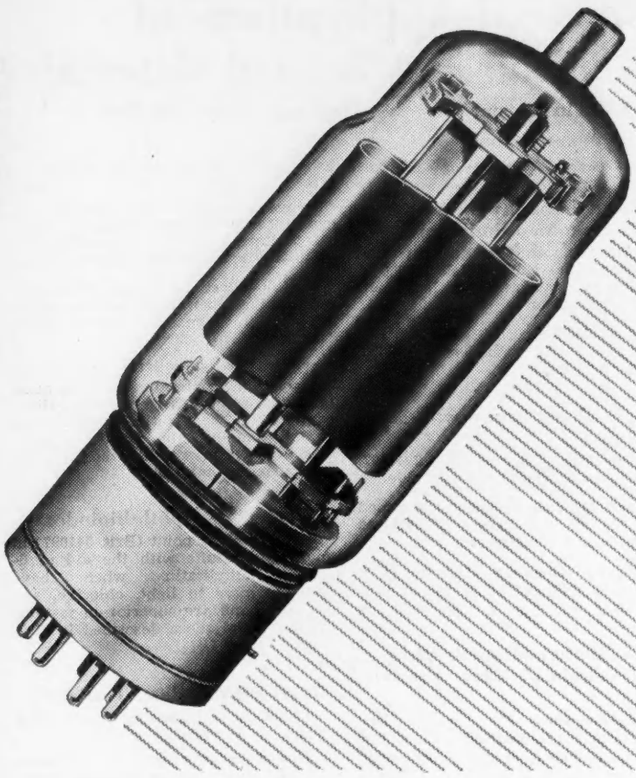
Dichlorodifluoroalpha-beta-diphenylethane

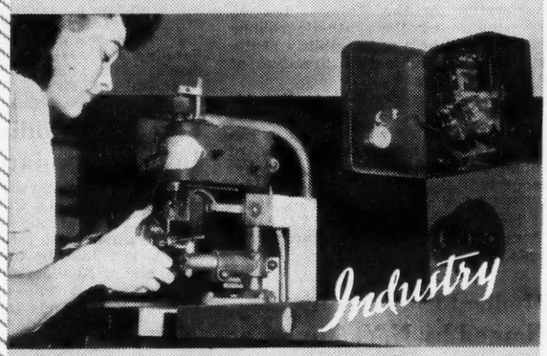
Chemical—New chemical (U.S. 2238242) interesting to research and development workers

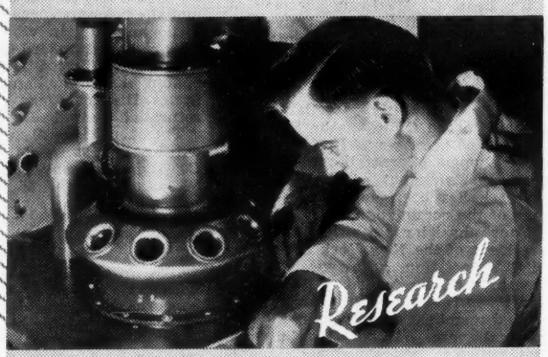
Hydroxyisobutylamide of Olive Oil Fatty Acids

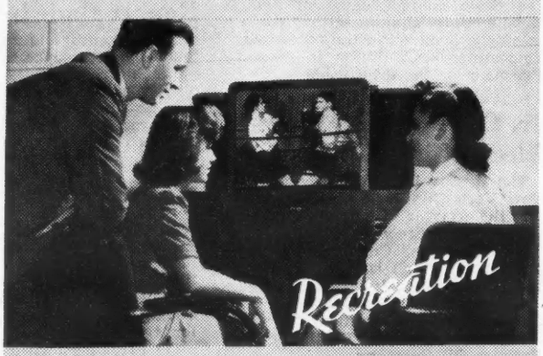
Chemical—Starting point (Brit. 541682) in making emulsifying agents of low melting point by condensing with aliphatic aldehydes; water-soluble detergents, wetting and foaming agents, resistant to acids and alkalies, and insensitive to calcium and magnesium, by condensing with aliphatic aldehydes and sulphonating

Data similar to those above on Uses and Applications of **5167** *Chemicals and Related Industrial Materials in one 665-page book* **$10**









Three lower pictures courtesy Radio Corporation of America

Measured purity contributes to the wonders of ELECTRONICS

Electronics—the new science of putting the electron to work!

Today... the electron tube helps control the quality of countless products of war... guides the destinies of armies and fleets all over the world.

Tomorrow—this miracle-working tube which sees, hears, tastes, feels and smells with amazing sensitivity—will revolutionize our peace-time lives.

It will invade industry in all its aspects, save energy, save time, save money, protect life and property.

Baker is playing its part in contributing chemicals of extraordinary purity to make possible the coating of the filament used in the electron tube. Here, *purity is demanded*—so that transmission of electronic power may not be impeded.

This is only one of the many instances where *purity,* as exemplified by Baker Chemicals, has increased efficiency in today's forward march of industry.

Baker's Chemicals (purity by the ton) have been supplied to many manufacturing concerns for the manufacture or processing of many products.

If you have special chemical requirements for war or post-war production products, we invite you to discuss your needs in confidence with Baker.

J. T. Baker Chemical Co., ***Executive Offices and Plant:*** **Phillipsburg New Jersey.** ***Branch Offices:*** **New York, Philadelphia and Chicago**

Back the Attack with War Bonds!

5th WAR LOAN

Baker's Chemicals

C. P. ANALYZED • FINE • INDUSTRIAL

Current Market Quotations
Chemicals and Related Materials

September 8, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).

Acetaldehyde,[4,6] 99%, dms., 55 and 110 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70

Acetanilide, tech., fib., dms., a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50

Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29

USP, cryst., bbls.....lb. .36 - .37
dms.....lb. .42 - —
kgs.....lb. .37 - .38
powd., bbls.....lb. .34 - .35
dms.....lb. .38 - .40
kgs.....lb. .35 - .36

Acetoacetanilide, bbls., dms...lb. .49 - .67

Acetone, CP,[1,6] dms., c.l., dlvd. E.*..lb. .08 - —
l.c.l., dlvd. E.*.....lb. .08½- —
tanks, dlvd. E.*.....lb. .07 - —

* OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see M).

Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —

Acetophenetidin, bbls., kgs., 1,000-lb. lots..1.00 - —
dms.....lb. 1.08 - 1.10

Acetophenone, cns., dms.....lb. 1.55 - 1.60

Acetyl chloride, chys., works..lb. .60 - —

Acid, abietic, dms., c.l., wks..lb. .07½- —

Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 3.38 - 3.68
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, nat'l, bbls....100 lbs. 9.15 - 9.40
glacial, 99.5%, nat'l, bbls. 100 lbs. 9.15 - 9.40
tanks, works....100 lbs. 6.93 - 7.25
synth., bbls., works.... 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, chys.....100 lbs.11.70 - —
dms., works.....100 lbs.10.50 -11.00
pure, 80%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59

Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .31 - —

Aminoacetic, USP (see Glycine).

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22

Ascorbic,[1,6] USP, dms., 500-kilo lots..kilo.24.50 - —
30-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
2½-kilo lots.....kilo.25.70 - —
1-kilo lots.....kilo.26.41 - —
bots. 500-gram.....kilo.27.47 - —

Battery, chys., c.l., E. works. 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —

USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Betaoxynaphthoic, bbls. works. lb. .95 - —

Boric,[2] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld...ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., works. lb. .29 - —
l.c.l., same basis.....lb. .30 - —

Broeners, bbls.....lb. 1.11 - —

Cacodylic, 5-lb. bots.....lb.22.00 - —

Acid, camphoric, cns.....lb. 6.95 - 7.00

Capric, tech., ret. dms.....lb. .21½- .22

Caprylic, tech., ret. dms....lb. .27 - .27½

Castor oil,[3] split, ret, dms...lb. .20¾- .21¼

Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —

Chromic,[6] 99½-99¾%, dms., c.l., lb. .16¼- —
l.c.l. .....lb. .16¾- .18¼

Cinnamic, refd, bots.....lb. 3.50 Nom.

Citric,[1,6] anhyd., gran., dms., c.l...lb. .22½- —
10,000 lbs., 1 ship't'...lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't'...lb. .20½- —
smaller lots.....lb. .23 - .24
kgs. .....lb. .21½- —
Powd. citric acid, ½c. higher.

Cleve's, bbls.....lb. .65 - —

Coconut oil,[1,5] dist., dms....lb. .15½- .17½

Corn oil, s.d., dms., c.l., works, lb. .12 - —

Cottonseed oil,[1,5] s.d., dms., c.l...lb. .12 - —
tanks, dlvd.....lb. .14¼- —

Cresylic,[2,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —

(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal., ref....gal. .510 - —
Sewaren, N. J., reg..gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref.gal. .636 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, dlvd.....gal. .646 - —

Diethylbarbituric (see Barbital).

F (see Acid, Monosulphonic).

Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l. .....lb. .11 - .11½

Fumaric, tech., bbls., dms...lb. .27 - .31

Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.13

Gamma, bbls.....lb. .85 - —

Gluconic, bbls., 500 lbs.....lb. .12 - —
dmjn.....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15

Glutamic hydrochloric, dms..lb. 2.00 - 2.40

H, bbls.....lb. .45 - —

Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57% bots.....lb. 2.90 - —

Hydrobromic, conc., cbys....lb. .35 - —
dil., cbys.....lb. .20 - —

Hydrochloric (see Muriatic).

Hydrocyanic, cyls., works...lb. .80 - 1.00

Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —

Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09

Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, basic acid content..lb. .06½- —

Hypophosphorous, USP, djns., .75 - .80

Lactic,[6] edible, 50%, cbys., 20 or more..lb. .12¼- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more.. lb. .24½- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14½- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —

USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .56

Lauric, dist., tech., dms.....lb. .20 - .20½

Laurent's, bbls.....lb. .45 - —

Linseed oil,[5] light, dms.....lb. .21½- .22

Maleic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —

Malic, powd., kgs.....lb. .47 - —

Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30

Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0065- .009

Molybdic, kgs., works.....lb. .95 - 1.10

Monochloroacetic, tech., 85%, bbls.lb. .17 - —
purified, bbls.....lb. .20 - —

Monosulphonic, bbls.....lb. 1.50 - —

Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24 works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —

Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —

22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —

CP, USP, consumers, cbys..lb. .06 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06¾- —
6-lb. bots.....lb. .17½- —

Myristic, dist., dms.....lb. No stocks

Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —

230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —

Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —

Nicotinic amide (see Nicotinamide).

Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 35, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —

38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —

40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —

42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —

CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11¼- —
7-lb. bots.....lb. .21½- —

Oleic (see Oil, red).

Oleum (see Acid, sulphuric, fuming).

Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11¼- —
smaller lots.....lb. .12½- —

Palm oil,[5] white, dist., dms..lb. No stocks
tanks .....lb. No stocks

Para-aminobenzoic, cns.....lb. 1.40 - —

Paranitrobenzoic, cns.....lb. .72 - —

Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .86 - —

Peanut oil,[5] s.d., tanks, dlvd., lb. .11¼- —

Phenylacetic, bots.....lb. 1.85 - 3.00

Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald. 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, dlvd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —

USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½

Picramic, kgs.....lb. .65 - .70

Picric, bbls.....lb. .35 - —

Propionic,[1] synth., pure, 55-gal., dms., works..lb. .19½- —
tanks, works.....lb. .18½- —

Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65

Pyroligneous, bbls., dlvd. E..gal. .30 - —

Ricinoleic, com'l, split (see Acid, castor oil, split).

Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42

USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44

Sebacic, tech., dms., works..lb. .55 - .57

Soybean oil,[1,6] s.d., dms.....lb. .16¼- .18½
tanks, works.....lb. .11 - —

Stearic,[1,5] double-press, bgs..lb. .15¾- .16¾
single press, bgs.....lb. .15¾- .16¾
triple press, bgs.....lb. .18¾- .19¾

Succinic, bbls.....lb. .75 - —

Sulphanilic, CP, bots., works..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —

Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works...100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works, E....ton.13.00 - —

66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —

98°, tanks, works.....ton.17.50 - —

OP, USP, consumers, cbys.lb. .08 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06¼- —
9-lb. bots.....lb. .15½- —

fuming, 20%, tanks, E. works. ton.19.50 - —

Tannic, tech., bbls., dms....lb. .71 - .73

USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs.....lb. 1.13 - —
smaller lots.....lb. 1.15 - —

Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71¼- —

Tobiac, bbls.....lb. .55 - .60

Trichloroacetic, bots.....lb. 2.00 - 2.50

Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —

Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.20 - 1.25

Acetic hydride,[6] dms., c.l., frt. alld..lb. .11¼- —
l.c.l., frt. alld.....lb. .13 - —

Aconitine, amorph., bots.....oz.21.00 -23.00
15-gr. vials.....vial. 1.60 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —

Acrylonitrile,[6] dms., frt. alld..lb. .39½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works...lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —

Adeps lanae,[1,6] USP, anhyd., dms., primary distributors..lb. .34 - .35½
producers .....lb. .30 - .33

Adeps lanae,[1] hyd., dms., primary distributors..lb. .32½- .34
producers .....lb. .31 - .32

Adeps lanae prices for primary distributors, f.o.b. St. Louis, lc. higher.

Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —

Agaric, white, bls.....lb. 3.75 - 4.00

Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd.....lb. 1.91 - 1.99
granular, cryst.....lb. 1.86 - 1.94
tech., cryst., bbls.....lb. 1.55 - 1.65

Alcohol, allyl, dms., c.l., dlvd.lb. .29 - —
l.c.l., dlvd.....lb. .30 - —

Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —

Benzyl, cns.....lb. .65 - .75
dms. .....lb. .63 - —

Butyl, normal,[1,6] ferment., ill. Ind., prod., dms., frt. alld. lb. .1980- —
l.c.l., frt. alld. E...lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E...lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E.....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

* Normal butyl alcohol prices West. ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —

Cetyl, dom., CP, fiber ctns, 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00

Cinnamic, bots.....lb. 3.00 - —

Denatured,[1,6] CD14, dms., c.l., dlvd. E..gal. .54½- —
19, dms., works, E....gal. .56¼- —
1 to 18 dms., works, E..gal. .59½- —
tanks, E., dlvd.....gal. .50 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19, bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works. gal. .67 - —
tanks, E. works.....gal. .50 - —
Anhydrous 3c. per gal. higher.

SD2B, bbls., c.l., wks., E.gal. .60 - —
19 bbls., works, E...gal. .62 - —
1 to 18 bbls., works, E. gal. .65 - —
tanks, E. works.....gal. .48 - —

SD23G (replaced by SD28H).

SD23H, works, c.l., bbls..gal. .61½- —
19 bbls. .....gal. .63½- —
1 to 18 bbls.....gal. .66½- —
tanks, E. works.....gal. .49½- —

SD29, denatured, with acetaldehyde, bbls., c.l., E. works. gal. .62½- —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E. works..gal. .69 - —
tanks, E. works.....gal. .50½- —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .55½- —
19 dms. to c.l.....gal. .57½- —
1 to 18 dms.....gal. .60½- —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorisation by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms., c.l., dlvd..lb. .11½- .14½
l.c.l., dlvd.....lb. .11¾- .15
tanks, dlvd.....lb. .10½- .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12½

Ethyl,[6] 190 pf., dms., c.l...gal.17.64½- —
19 dms.....gal.17.68 - —
1 to 18 dms.....gal.17.71 - —
tanks .....gal.17.60 - —
absolute, dms., c.l.....gal.18.62 - —
18 dms.....gal.18.65½- —
1 to 17 dms.....gal.18.68½- —

Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —

Furfuryl, tech., cns., works.lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - .35
tanks, works.....lb. .20 - —

Isoamyl (see Carbinol (isobutyl).

Isobutyl,[1,6] refd., dms., works.lb. .0860- —
tanks, works.....lb. .0760- —

Isopropyl,[2,6] refd., 91%, dms., 5 gals., dlvd..gal. .66½- —
55 gals., c.l., dlvd.....gal. .39 - —
l.c.l., dlvd.....gal. .43½- —
tanks, frt. alld.....gal. .34 - —
99%, dms., 5 gals., dlvd.gal. .65 - —
55 gals., c.l., dlvd.....gal. .44 - —
l.c.l., dlvd.....gal. .47 - —
tanks, frt. alld.....gal. .37½- —

Methyl (see Methanol).

Octyl (see Alcohol, ethylhexyl).

Phenylethyl, bots., cns.....lb. 2.10 - 2.50

Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .53 - .70
type B, fiber-pack, same basis. lb. .60 - .63

Propyl, normal, dms., wks..gal. .67 - .76

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling

[2]—Price agreement (sellers with OPA)

[3]—General Limitation Order (L order)

[4]—General Preference Order (M order)

[5]—Conservation Order (M order)

[6]—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y. .lb. .40 - —
smaller lots, same basis .lb. .44 - .50
cns., Cedar Rapids, Ia. .lb. .55 - —
Aldehol, denat. grade, dms., tanks, works .gal. .70 - .72
Aldol, dms., works .lb. .13 - .15
denat., grd., dms .gal. 1.20 - —
Aletris root, bgs. .lb. 2.50 Nom.
Algin, bbls., fib. dms. .lb. .79 - 1.50
Alizarin (see Red, alizarin).
Alkanet root, bgs. .lb. No stocks
Allspice,[1] Mexican, bgs. .lb. .18 - .18½
Laredo, Tex., bgs. .lb. .17 - .17½
Aloe, Cape, cs. .lb. .29 - .30
Curacao, kgs. .lb. .65 - .80
Socotrine, kgs. .lb. .55 - .60
Aloin, bbls., dms., kgs. .lb. 5.45 - 5.54
Alphanaphthol, bbls. .lb. .52 - —
Alphanaphthylamine, bbls. .lb. .32 - —
Alphapicoline, ret., dms., works, frt. equald. .lb. .23½- .28½
Alphapinene, dms., c.l., wks. .gal. .84¾- —
l.c.l., works .gal. .87¼- —
tanks, works .gal. .81¾- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .lb. .1390- —
tanks .lb. .1200- —
Alphatocopherol, amp. .gram. 1.00 - 1.10
Althea root, bls. .lb. .60 - .65
Alum, ammonia,[6] burnt, USP, bbls., kgs. .lb. .16 - .18
gran., bbls., works .100 lbs. 4.00 - —
dlvd., N. Y., Phil. .100 lbs. 4.00 - —
lump, bbls., works .100 lbs. 4.25 - —
dlvd., N. Y., Phil. .100 lbs. 4.25 - —
powd., bbls., works .100 lbs. 4.40 - —
dlvd., N. Y., Phil. .100 lbs. 4.40 - —
potash, gran., bbls., wks. .100 lbs. 4.25 - —
dlvd., N. Y., Phil. .100 lbs. 4.25 - —
lump, bbls., works .100 lbs. 4.50 - —
dlvd., N. Y., Phil. .100 lbs. 4.50 - —
powd., bbls., works .100 lbs. 4.65 - —
dlvd., N. Y., Phil. .100 lbs. 4.65 - —
Alum potash, chrome, bbls. .lb. .12¼- .15
Soda, bbls., c.l., works. .100 lbs. 3.25 - —
l.c.l., dlvd. .100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works .lb. .35 - .40
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works .lb. .10½- .46
Acetate, basic solut., 24%, bbls. .lb. .10¼- .11
solut., 20%, bbls., dlvd. .lb. .09½- .10
Chloride, anhyd.,[6] com'l, dms., c.l., works .lb. .08 - .09
l.c.l., works .lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works .lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works .lb. .02¾- —
l.c.l., works .lb. .03¼- —
Fluoride, bbls. .lb. .35 - .40
Hydrate,[6] heavy, bgs., c.l., works .lb. .024 - .031
bbls., c.l., works .lb. .027 - .034
l.c.l., works .lb. .04 - —
light, bgs., dlvd. .lb. .14¼- —
bbls., dlvd. .lb. .15 - —
Hydroxide, gel, tech., min. 15% AlO_3, dms., 10,000 lbs. or more, f.o.b. ship't point .lb. .03 - .03¼
ton lots, same basis .lb. .03 - .03¾
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works .lb. .17¾- —
contract, works .lb. .16¾- —
14-15% Al_2O_3, fib. dms., works .lb. .20¾- —
contract, works .lb. .19¾- —
dried, USP XII, fib. dms., works .lb. .78 - —
contract, works .lb. .75 - —
Alumina hydroxide, powder, tech. (see Alumina hydrate).
USP IX, bbls., dms. .lb. .15 - .17
Laurate, prec., bbls. .lb. .25 - .26
Naphthenate, 1.7%, Al, 50-gal. drms., works .lb. .18¾- —
Oleate, dms., contract .lb. .24½- —
Resinate, precip., dms .lb. .15½- —
Stearate, precip., bbls., c.l. .lb. .23 - —
l.c.l. .lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald. 100 lbs. 1.15 - 1.26
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works... 100 lbs. 1.85 - —
l.c.l., works 100 lbs. 2.10 - —
Aluminum, 98-99% [2,3,4], c.l. .lb. .15 - —
l.c.l. .lb. .15 - .16
paste,[6] lining, extra fine, 200-lb. dm. .lb. .66 - .69
grade B, 250-lb. dm. .lb. .54 - —
ink, 150-lb. dm. .lb. .71 - —
standard, 200-lb. dm. .lb. .38 - —
grade B, 250-lb. dms. .lb. .36 - —
powder,[6] lining, extra fine, 150-lb. dm. .lb. .93 - —
litho, 150-lb. dm. .lb. .57 - —
standard, 200-lb. dm. .lb. .59 - —
grade B, 275-lb. dm. .lb. .57 - —
rubber comp., 200-lb. dm. .lb. .40 - —
unpolished, stand., 250-lb. dm. lb. .36 - —
varnish, stand., 300-lb. dm. .lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins .oz. 13.50 - 14.00
Aminomethylpropanol, cns., dms., works .lb. .50 - .60
Aminopyrine, dms. .lb. 4.00 - —
bots. .lb. 4.25 - —
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton. 59.00 - —
refrigeration, tanks, wks. .ton. 69.00 - —
pure, cyls. .lb. .16 - —
Aqua, 26°, cbys. .lb. .05¼- —
dms., c.l. .lb. .02¼- —
l.c.l. .lb. .02¼- —
tanks, works (NH_3 content). ton. 65.00 - —
Benzoate, refined, dms., kgs., 4,000 lbs. up, frt. alld. .lb. .43 - —
smaller lots, frt. alld. .lb. .44 - .47
Bicarbonate, dms. .lb. .0539- .0614
Bicarbonate,[6] bbls. .lb. .23 - .25
Bifluoride, bbls. .lb. .15 - .17
Borate, gran., bbls, kgs. .lb. .1080- —
powd., bbls., kgs. .lb. .1130- —
Bromide, NF, bbls. .lb. .31 - .35
dms. .lb. .32 - .36
Carbonate, lump, dms. .lb. .08½- .09¼
cns. .lb. .14¼- .17¾
powdered 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs. .lb. .13 - .15
Ammonia citrate, dibasic, bbls. .lb. .75 - —
dms. .lb. .80 - .85
Fluoride, bbls. .lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms. .lb. 1.25 - 1.27
jars .lb. 1.30 - 1.35
Iodide, NF, bots. .lb. 3.71 - —
jars .lb. 3.85 - —
Linoleate, 80%, anhyd., bbls. .lb. .12 - —
Molybdate,[6] c.p., cryst., kgs. .lb. 1.26 - 1.28
fine cryst., bbls., kgs. .lb. .84 - .87
purified, dms. .lb. 1.10 - 1.12
Nitrate,[1,6] Canadian, fertilizer grade, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, ordnance, bgs., works .ton. No prices
tech., bgs., works .100 lbs. 4.35 - 8.50
bbls., works .100 lbs. 4.55 - —
Oleate, dms. .lb. .14 - —
Oxalate, purif., gran., bbls., kgs. .lb. .27 - .33
Perchlorate, kgs. .lb. .55 - .65
Persulphate, kgs. .lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs. .lb. .31 - .39
tech., bbls., c.l. .lb. .07¼- —
l.c.l. .lb. .08 - .08½
monobasic, pure, bbls. .lb. .40 - .45
tech., bbls., c.l. .lb. .07¼- —
l.c.l. .lb. .08 - .08½
Salicylate, NF, dms., kgs. .lb. 1.15 - 1.18
Silicofluoride, bbls. .lb. .15 - .18
Stearate, anhydrous, dms. .lb. .34 - —
paste, dms. .lb. .18½- —
Sulphamate, bbls., works .lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens .ton. 28.20 - —
Atlantic coast ports .ton. 29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works .lb. .07½- —
l.c.l., dlvd. .lb. .15 - —
tanks, dlvd. .lb. .07½- —
red, 48%, cbys., works .lb. .08 - —
dms., works .lb. .06 - —
yellow, 33%, cbys., works .lb. .08 - —
dms., works .lb. .06 - —
Sulphocyanide, CP, bbls. .lb. .55 - —
jars .lb. .97 - —
tech., bbls. .lb. .17 - .19
Thioglycolate, 100%, bbls. .lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis .100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis .100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd. .lb. .12½- .17
l.c.l., dlvd. .lb. .13 - .17½
tanks, dlvd. .lb. .11½- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R. .lb. .15½- —
l.c.l., same basis .lb. .16½- —
tanks, same basis .lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms. .lb. .75 - .90
Caproate, dms. .lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works .lb. .07 - —
l.c.l., works .lb. .08 - —
tanks, works .lb. .06 - —
Ether, dms., c.l., works .lb. .09½- —
l.c.l., works .lb. .102 - —
tanks, works .lb. .08½- —
Nitrite, USP, bots. .lb. 1.72 - 1.80
Mercaptan, dms., works .lb. 1.10 - —
Oleate, dms., works .lb. .31 - —
Salicylate, bots. .lb. .80 - 1.25
Stearate, dms., works .lb. .42 - —
Amylene, dms., c.l., works .lb. .10½- —
l.c.l., works .lb. .11 - —
tanks, works .lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works .lb. .14 - —
refd., dms., works .lb. .16 - —
Anethol, com'l, dms., works .lb. .657 - .662
NF, bots .lb. 2.10 - 2.35
cans .lb. 1.90 - 2.25
Angelica root, dom., bls. .lb. No prices
Angostura bark, bls. .lb. .20 - .21
Aniline[6] oil, dms., c.l., works, frt. alld. .lb. .11½- —
l.c.l., works, frt. alld. .lb. .12½- —
tanks, works, frt. alld. .lb. .10½- —
Salt, dms., works .lb. .22 - .24
Anise,[1] Cyprus, bgs. .lb. .28½- .29
Bulgarian, bgs. .lb. .29 - .29½
Mexican, recleaned, bgs. .lb. .18½- .19
Syrian, bgs. .lb. .20½- .21
Turkish, bgs. .lb. No stocks
Anisic aldehyde, bots. .lb. 2.90 - 3.00
Annatto,[6] paste, bxs. .lb. .84 - .89
Seed, bgs. .lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works .lb. .65 - —
Anthraquinine, 99.5%, bbls. .lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys. .lb. .17 - —
Metal,[1,4] bulk, c.l., works .lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs. .lb. .18½- —
Chinese, black, 70%, cs. .lb. .20 - .22
Oxide,[1,6] bgs., c.l. .lb. .15 - —
l.c.l. .lb. .15½- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River .lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works .lb. .17 - —
l.c.l., works .lb. .17½- —
Antipyrine, bbls., kgs., ton .lb. 2.00 - —
smaller lots .lb. 2.10 - 2.20
Apomorphine, bots. .oz. 23.20 -23.70
Apple syrup,[1] bbls .lb. .16 - .16½
Archil extract, bbls. .lb. No stocks
Areca nuts, powd., bbls. .lb. .23 - .24
Arecoline hydrobromide, bots. .oz. 12.25 - —
Argols, min. 70%, bgs., Argentine port, 100 kilos, 100% purity. 70.00 -72.00
Arnica flowers, bls. .lb. 2.50 - 2.60
Arrowroot, powd., bgs., bbls. .lb. .10 - .10¼
Arsenic,[6] metal, lump, c.l. .lb. No prices
Chloride (arsenous), bots. .lb. 1.55 - —
Iodide (arsenous), 5-lb. bots. .lb. 5.58 - —
jars .lb. 5.43 - —
Sulphide, yellow, bbls. .lb. .52 - .55
bots. .lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l. .lb. .04 - —
l.c.l. .lb. .04¾- —
Asafetida, cs. .lb. .45 - .60
powd., bbls., dms. .lb. .55 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton. 49.50 - —
5R, bgs., same basis .ton. 44.60 - —
6D, bgs., same basis .ton. 33.00 - —
7D, bgs., same basis .ton. 28.50 - —
7F, bgs., same basis .ton. 26.50 - —
7H, bgs., same basis .ton. 22.50 - —
7K, bgs., same basis .ton. 19.00 - —
7M, bgs., same basis .ton. 16.50 - —
7R, bgs., same basis .ton. 15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works .lb. .05½- .12
process form, bgs., wks. .lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight Colo. mines .ton. 30.50 - —
Barbados, Dunellen, N. J. .lb. .10¼- —
California, dms., c.l. .ton. 36.40 - —
t.c.l. .ton. 41.40 - —
Cuban A, bulk, c.l., N. Y. .ton. 60.00 - —
l.c.l., same basis .ton. 90.00 - —
B, bulk, c.l., N. Y. .ton. 38.50 - —
l.c.l., same basis .ton. 55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill. .lb. .06 - —

SPOT DELIVERIES

MENTHOL Not USP

HEAVY CALCINED MAGNESIA MAGNESIUM METAL POWDER

SODIUM HYDROSULFITE DICALCIUM PHOSPHATE

ZINC CHLORIDE SOLID

CREAM OF TARTAR IMPORTED

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

GOLWYNE CHEMICALS CORPORATION

420 LEXINGTON AVENUE •• NEW YORK 17, N. Y. • PHONE LE 2-9740

OPD—9-11-1944

Available

We have a technically trained sales organization with long established industrial contacts.

We are appreciative of plant problems and are constantly investigating new products and processes.

Our service includes a thorough coverage of foreign markets.

Consult us now to plan for distribution of your production during the post-war era.

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

Asphaltum, gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —
seconds, 370-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
340-350° F. fusing point, not uniform, bgs., mines. ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz.15.00 - —
Sulphate, bots.....oz. 7.75 - 8.15

B

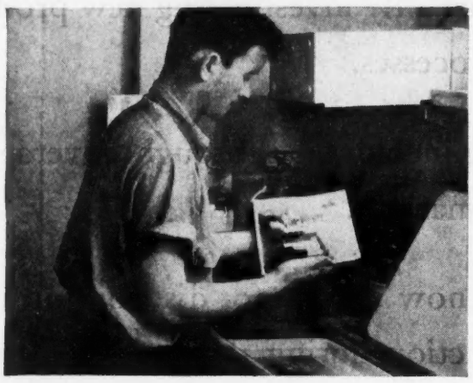
Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. No stocks
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .30 - —
Chloride, CP, cryst., bbls.....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works. ton73.00 - —
l.c.l., same basis.....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works....lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% Ba SO_4, bulk, mines..ton. 8.50 - —
Bauxite,[6] blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .95 - 1.05
Root, bls.....lb. .90 - 1.00
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90% dms., works. gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms.....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .25 - .26
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works. lb. .51 - —
Betapicoline, 50%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms. lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —

Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
3, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.
Carbon,[2] heads, compressed, bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —

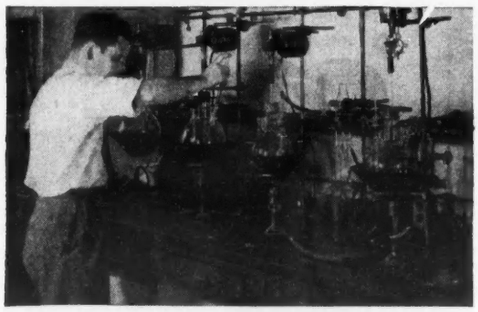
Black, lamp, 6, ctns., c.l., works, lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls.....lb. .85 - .90
Tree bark, bls.....lb. .30 .35
Black Indian hemp root, bls...lb. No stocks
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works. ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works. ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.. unit-ton. 5.85 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .75 - 1.00
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90

Blue, celestial, bbls., same basis, lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80% bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
Job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —

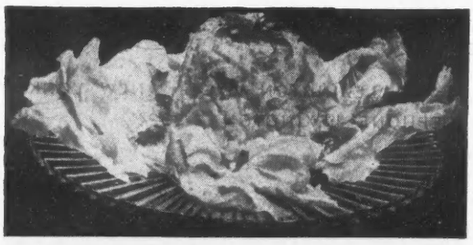
LIFE On The



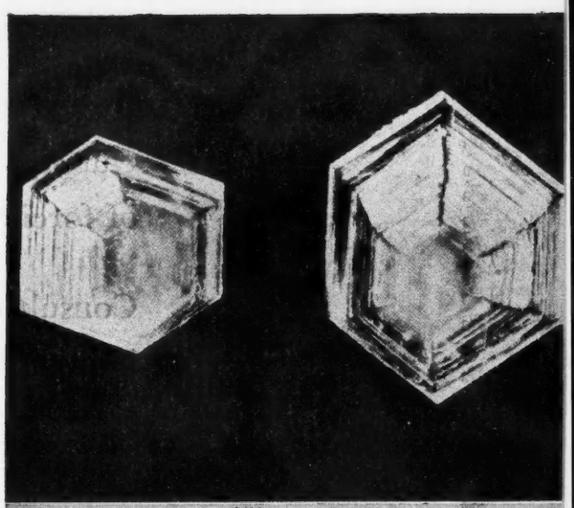
(*Above*) **IN PHOTOGRAPHIC PROCESSING** Thiourea is used as a reagent and as a sensitizer for coatings of blueprint and photostat papers.



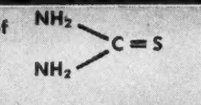
(*Above*) **AS A CHEMICAL INTERMEDIATE** Thiourea lends itself to many chemical reactions which might give products of interest to many industries. It is a highly reactive chemical raw material. Substitution on the sulphur atom in Thiourea is more readily accomplished than is substitution on the oxygen in Urea.



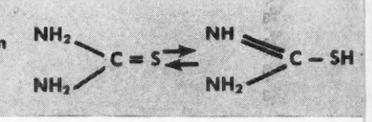
(*Above*) **APPLES AND PEACHES** may be prepared in large quantities many hours in advance of the time they are to be served or placed in a quick freezer when treated with Thiourea to prevent discoloration of the cut sections.



Actual formula of Thiourea is:



This tautomerism occurs in water solution:



(*Above*) **CRYSTALS OF THIOUREA,** shown in this photomicrograph, are whi and lustrous, soluble in cold water, ammonium sulphocyanide solutio and ether. Cyanamid's Thiourea contains 99.32% Thiourea, .36% moisture, no ash, and .1% water insoluble material. Chemical formula are shown above.

AVAILABILITY OF THIOUREA SUGGESTS NEW INDUSTRIAL APPLICATIONS

Thiourea was commercially produced for the first time in the Unite States in 1940 by Cyanamid. Since that time, through Cyanami research and development, it has become more and more important as chemical raw material, and is finding new and widely diversified use

Among the larger commercial uses of Thiourea are the production a number of drugs, one an important member of the sulfa family, an of certain types of synthetic resins. Other indicated uses, besides thos illustrated, some covered by patents, include its use as a starting poi in making various synthetic dyestuffs, as an ingredient of insecticid compositions, as a mothproofing agent in treating furs, feathers, an skins. Thiourea is also used in photographic processing as a develope for plates and films, as a fixing agent in photographic works, and as a ingredient of compositions used for the removal of stains from negative and compositions for toning sulphide-toned images on developing an printing papers.

Sample quantities of Thiourea for exploration into its adaptabilit to new products and new uses are available from Cyanamid. Supplie are also available for immediate production in either carload, or les than carload, quantities. Additional information, prices, and sample will be sent on request.

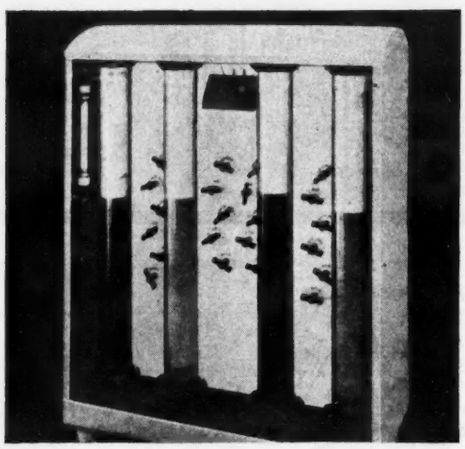
lue, violet, tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.
lue dyes are listed under Dyes.
lueflag root, bls.....lb. .55 - .75
lue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
luestone (see Copper sulphate).
lue vitriol (see Copper sulphate).
one, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.49.50 - —
Chicago, works.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.37.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
oneset leaves, bls.....lb. .15 - .17
orage flowers, bls.....lb. .45 - .60
orax,[3] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld...ton.65.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
borax, tech., 99½% powd., bgs., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP- $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½ - —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., ca., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single bbls., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A), gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[2] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works.lb. .02½ - —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾ - .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works.lb. .03¾ - .10¾
raw, American, bbls., works, lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Brown, umber, American, bbls., works..lb. .03¾ - —
Italian type, bbls., works.lb. .04¾ - —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾ - —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05¼ - —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05¾ - —
Portland, San Francisco, Seattle..lb. .05½ - —
ex whse., Los Angeles.lb. .05¾ - —
Portland, San Francisco, Seattle..lb. .05¾ - —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .75 - .80
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03½ - —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss R., lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾ - —
l.c.l., same basis.....lb. .12¼ - —
Butyl acetate, synth., normal, tanks, same basis..lb. .10¾ - —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R..lb. .00½ - —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½ - —
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½ - —
l.c.l., works.....lb. .16½ - —
tanks, works..... .....lb. .14½ - —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½ - —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., works....lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½ - .17
tanks .....lb. .15½ - —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] jars.....lb. 1.65 - 1.70
bots.....lb. 1.84 - 1.91
Iodide,[6] bots.....lb. 4.23 - —
cns.....lb. 4.00 - —
Lithopone (see Yellow).
Metal,[1,6] pat. shapes, cs., dlvd., lb. .95 - —
Ingots or sticks.....lb. .90 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.80 - 2.88
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots .....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots .....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots .....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld..lb. .07 - .08
l.c.l., same basis.....lb. .07½ - .08½
Bromide, jars .....lb. .65 - .70
Carbide,[1,6] dms., c.l., works, ton.50.00 - —
dlvd. .....ton.87.00 -96.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper, bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd...ton.21.50 -25.50
5-ton lots .....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .30
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -21.50
l.c.l., 15 tons, dlvd..ton.21.45 -25.45
5-ton lots .....ton.28.45 -40.95
Calcium chloride prices vary according to same min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .53 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs. .....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb. lots .....lb.1.40 - —
cns., 25 lbs. .....lb. 1.65 - —
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms., lb. .21 - —
USP, bbls. .....lb. .35 - .37
Laurate, bbls. .....lb. .28 - .29
Mandelate, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½ - —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾ - —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works.lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½ - —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05½ - —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls. .....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms..lb. .12¼ - .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls.....lb. No stocks
Calomel,[5] bbls., dms.....lb. 1.88 - 1.89
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works. /b. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½ - —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).

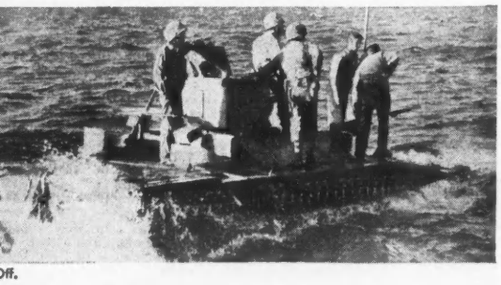
Chemical Newsfront

NEW HEAT TREATING AND CARBURIZING SALTS, AEROHEAT* 00, have been developed by Cyanamid for commercial use heat treatment of medium carbon, medium carbon alloy, omplex alloy tool and die steel. Their remarkable non-g, non-oxidizing properties have been used in production tractors, trucks and other wartime equipment.



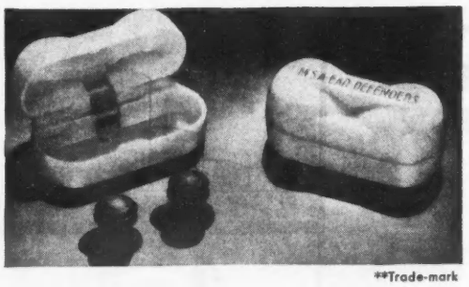
(*Above*) **FILT-R-STIL**** **LAB UNIT** has been developed by Cyanamid for the production of demineralized water—water with an average ionizable solids content of two parts per million as calcium carbonate—through the medium of IONAC* ion-exchange resins.

ACE COATINGS for the famous "Water Buffalo," armored ank developed by the Marine Corps, the planes of the Air hips of the Navy and the multitude of tanks, trucks, guns f the Army are made from Cyanamid Synthetic Resins. LAC*, PHENAC*, BEETLE* and MELMAC* resins are available Armed Forces "specs" including those which are designed the critical phthalic anhydride. Write us for answers to oblems and help in your postwar planning.



Off.

(*Below*) **THESE HANDY, POCKET-SIZE PLASTIC CONTAINERS** hold a pair of M.S.A. Ear Defenders, designed for wear by industrial workers subjected to severe noise. The containers are molded of Cyanamid's BEETLE because of its light weight, strength, and smooth, hard surface, by the Rathbun Molding Corporation for the Mine Safety Appliances Co.



**Trade-mark

erican Cyanamid & Chemical Corporation
(A Unit of American Cyanamid Company)
30 ROCKEFELLER PLAZA · NEW YORK 20, N. Y.

Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] Canadian, Sept.-Oct., bgs...lb. .80 - .85
Morocco, dewhiskered, bgs...lb. .67 - .68
Spanish, dewhiskered, bgs...lb. .66 - .67
Syrian, dewhiskered, bgs....lb. .64 - .66
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½ - —
l.c.l., works.....lb. .23½ - —
tanks, works.....lb. .21¼ - —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾ - —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08¾
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l., lb. .07½ - —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .75 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —

Carbon tetrachloride, Zone 4 52½ gal. dms., c.l...gal. .83 - —
l.c.l.....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, whose prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.
Cardamom,[1] bleached, bold, cs., lb. 1.20 - 1.25
medium, cs.....lb. 1.10 - 1.15
decorticated, cs.....lb. .85 - .90
green, bgs.....lb. .60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram 2.85 - —
50 grams, dlvd.....gram 2.90 - —
Carvol, bots.....lb. 22.50 - 23.00
Cascara sagrada bark, bulk....lb. .30 - .31
Case hardening mixture, 30%, gran., dms., l.c.l...lb. .09¾ - —
slabs, dms., l.c.l.....lb. .08¾ - —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼ - —
less than 20, same basis, lb. .24¾ - —
rennet-precip., bgs., 100 or more, same basis..lb. .25½ - —
20 to 99, same basis....lb. .25¾ - —
less than 20, same basis, lb. .26¼ - —

Casein, imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .18 - .18½
rennet-precip., unground, bgs., 100 bgs. or more..lb. .20½ - .21
Cassia,[1] .....lb. No stocks
Cassia fistula, bskts.....lb. .23 - .24
Castor beans, f.o.b. Brazilian ports..long ton 75.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb. 12.50 - 13.00
synth., bots.....lb. 19.00 - —
Catechol, CP, cryst., works, fib. dms., tin..lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms..lb. 3.50 - —
Catnep, bls.....lb. .32 - .35
Celery seed,[1] Indian, bgs.....lb. .19 - .19½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - .35
granules, ctns., same basis..lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., same basis..lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works..lb. .02⅞ - —
paint and other industries, bgs., c.l., works..ton. 40.00 - —
papermakers, bgs., c.l., works. ton. 32.50 - —
rubbermakers, bgs., c.l., works, ton. 30.00 - —
Chamomile, Hungary type, cs..lb. .50 - .60
Roman, bls.....lb. No stocks
Charcoal, pinewood,[1,6] grain., pulv., bgs., c.l., f.o.b. producers' plants in South..ton. 30.20 - —
l.c.l., same basis.....ton. 41.00 - —
Willow, powd., bbls.....lb. .06 - .07

Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works..100 lbs. 2.85 - 3.85
l.c.l., works.....100 lbs. 3.10 - 4.10
tanks, works.....100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works..100 lbs. 6.50 - 9.10
l.c.l., works.....100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton. 16.00 - —
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works.....ton. 9.50 - 15.50
wet grd., silkbolt 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works.ton. 12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton. 19.00 - 24.00
powd., cks., l.c.l., ex whse. ton. 41.00 - —
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
Chlorine,[2,5,6] liquid, cyls., c.l.lb. .05½ - —
contracts .....lb. .05¼ - —
l.c.l. .....lb. .07¼ - —
tanks, single units, works, frt. equald 100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..... 100 lbs. 2.00 - —
2, wks., frt. equald. 100 lbs. 2.50 - —
1. wks., frt. equald. 100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis..lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½ - —
7½%, bbls., cs.....lb. .06½ - —
Cake, bulk, c.l., works.....ton. 16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bot.....lb. 6.03 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
broken, bgs.....lb. .19 Nom.
yellow, quill, bgs.....lb. .19 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13½*
sulphate, NF, cns., 100 ozs..oz. .89 + .13½*

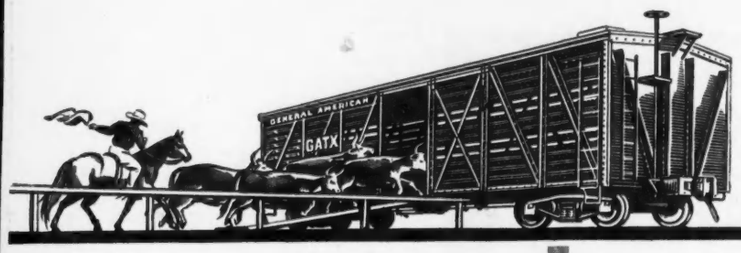
* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cnt., 100 ozs..oz. .62 + .13½*
large cryst., cns., 100 ozs.oz. .66 + .13½*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

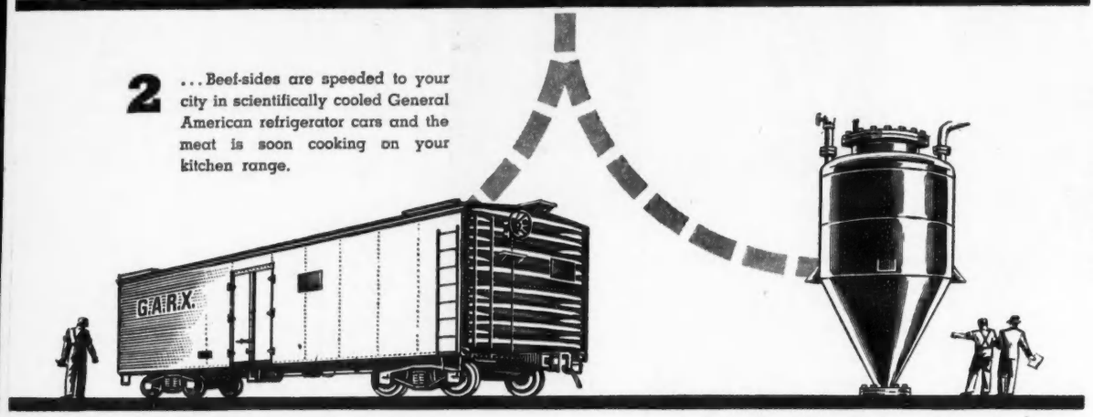
Cinchophen, NF, bots.....lb. 3.70 - 3.80
dms. .....lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms.....lb. 2.00 - 3.90
Cinnamon,[1] Ceylon, 2, bls.....lb. .53 - .53½
No. 2, bls.....lb. .52 - .58
chips, bgs.....lb. .56 Nom.
Citral, bots., cns.....lb. 2.85 - 4.75
Citrine ointment,[3] jars.....lb. .91 - 1.11
Citronellal, bots., dms.. .....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Cloves,[1] Madagascar, futures, bls..lb. .16¾ - .17¼
Zanzibar, bls.....lb. .21½ Nom.
Clover tops, red bgs.....lb. No prices.
Coaltar, coal-gas, crude, bbls., l.c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07¼ - —
refd., bbls., c.l., works..bbl. 8.75 - —
l.c.l., works .....bbl. 9.25 - —
tanks, works .....gal. .08½ - —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works..dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾ - —
feed grade, 49.5% Co., kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs...lb. 1.85 - —
Chloride, kgs., works. .....lb. .87½ - —
feed grade, 24.5% Co., kgs..lb. 1.25 - —
Hygrade,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co., kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .33
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms..lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs..lb. 1.25 - —
Oleate, bbls. .....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms..lb. .38½ - —
Soyate, 8%-8.5% Co., 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co., kgs...lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt..lb. .25 - —
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .20
blue, bls. .....lb. .18 - .20
Colchicine, bots., cns.....oz. No stocks.
Cochicum seed .....lb. No stocks.
Collodion, USP, dms.....lb. .19½ - .20¼
cns. .....lb. .23 - .23½
flexible, USP, dms. .....lb. .21 - .22
cns. .....lb. .25 - .31

From the Bar-X Ranch to a Kitchen Range

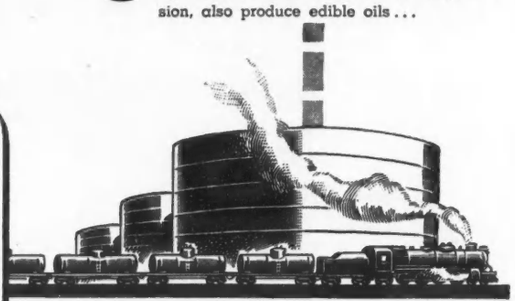


1 A General American stock car carries cattle to the stock yards.

2 ...Beef-sides are speeded to your city in scientifically cooled General American refrigerator cars and the meat is soon cooking on your kitchen range.



3 Packing plants, using rendering tanks made by General American Plate & Welding Division, also produce edible oils...



GATX GENERAL AMERICAN

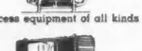
GENERAL AMERICAN TRANSPORTATION CORPORATION

● Chicago

Builders and operators of specialized railroad freight cars

Bulk liquid storage terminals

Pressure vessels and other welded equipment



Aerocoach motor coaches

Process equipment of all kinds

Precooling service for fruits and vegetables

4 ...which are shipped in General American tank cars to General American Terminals for safe, protective storage and fast handling.

One of a series of advertisements designed to show General American's contribution to everyday living and our part in the efficiency of American Industry during war and peace.

Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bg.....lb. .12 - .15
Copaiba balsam, Peru, cns....lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate,[6] cupric, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - .50
Carbonate,[6] 52-54%, bbls....lb. .19½- .20
Chloride,[6] anhyd., bbls.....lb. .22½- .28
crystals, bbls.....lb. .14¾- .17
Cyanide,[6] tech., bbls.....lb. .34 - .36
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,2,6] electrolytic.....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. drms..lb. .15 - .17
Nitrate,[6] tech., cryst., bbls..lb. .16¾- .20
Oleate, precip., bbls.....lb. .22½- .29½
Oxide,[6] black, bbls., works..lb. .19 - .28
red, com'l, kgs.....lb. .20 - .22
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. drms..lb. .15½- .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs...100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
monohydrated, bgs., in drms., c.l., dlvd..100 lbs. 9.95 - —
l.c.l., same basis...100 lbs.10.95 - —
drms., c.l., dlvd., same basis, 100 lbs. 8.95 - —
l.c.l., same basis...100 lbs. 9.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25, works....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Zone 4, 52½-gal. drms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
Copra, Coast, ship't.....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. .13¼ Nom.
Cornsilk, bls.....lb. .24 - .26
Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs.3.905 - —
slabs, bbls., c.l.....100 lbs.3.825 - —
Syrup, 42°, bbls., c.l....100 lbs.4.221 - —
43°, bbls., c.l.....100 lbs.4.271 - —
Corrosive sublimate,[2] cryst., drms., 50 lbs. or more..lb. 1.59 - —
gran., powd., drms., 50 lbs. or more..lb. 1.44 - —
Cottonroot bark, bls.....lb. .18 - .19
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .85
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs. .....lb. .58½- —
Creosote carbonate, bots., cbys., lb. 2.10 - 2.39
Coaltar, oil,[6] crude, tanks, works..gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works...gal. .141 - —
Wood, beech, bots.....lb. 1.04 - —
Hardwood, USP, bots.....lb. .60 - .77
Pine, drms.....gal. .28 - —
Cresol,[2,6] special resin grades, drms., c.l., works, frt. equald., lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
Cresol, USP, drms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. drms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09¾- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., drms., c.l., frt. alld. E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09¼- —
Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nov., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclohexanol, 98-100%, works..lb. .21 - .22
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., drms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. al'd. E.....lb. .30¼- —
tanks, frt. alld. E.....lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Dandelion root, bls.....lb. .30 - .32
Decanol,[6] normal, tech., drms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .23 Nom.
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, 2% ffa, bbls.....lb. .26 - .29
over 2% ffa, bbls.....lb. .25 - .27
Damiana leaves, bls.....lb. .16 - .17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l...100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[6] drms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., drms., works.lb. .25 - —

Diamylamine, drms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, drms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast., lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2480- .2609
1-gal. cns., same basis..lb. .2609- —
dms., c.l., same basis....lb. .1950- .2359
l.c.l., same basis.....lb. .2000- .2409
tanks, same basis.....lb. .1850- .2259
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works., lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] dms., c.l., works..lb. .15 - —
l.c.l., same basis.....lb. .16 - —
tanks, same basis.....lb. .14 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 90%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .3020- —
l.c.l., dlvd.....lb. .3070- —

Dibutyl phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether,[6] dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .15 - .15½
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —
Dimethylethyl carbinol (see carbinol)
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —

Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluolguanidin,[6] dms., tons, dlvd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] dest. dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
single dist., dms., dlvd. E..gal. .55 - .58
tanks, dlvd. E.....gal. .52 - —
Diphenyl, bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons..lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock.....ton.68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .50 - .55
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .15 - .20
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors for foods, drugs andt cosmetics—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green, FD&C green, No. 1 cns. lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
FD&C green, No. 3, cns...lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —

RCI P-376
BECKOSOL
meets all tests
for pro-coating
food cans

New order from Quartermaster Genera
finds RCI with right resin and a
tested can coating formula.

The new order from the Quartermaster General specifying the pro-coating of the exterior of a vegetable and fruit cans shipped to the Sout Pacific—finds RCI ready with both the fastest dryin alkyd available and a can coating formulatio tested to meet every strict requirement.

This formulation, utilizing P-376 Beckosol, has bee expertly appraised in the testing laboratories of th Quartermaster General and is now being applie in production in canneries supplying South Pacif Armed Forces.

For complete facts about formulation and detai of the requirements of the Quartermaster General new order, write direct to the Sales Departme in Detroit.

★Remember—*Your Salvage Program is Vital to Victory.*
WATCH FOR WASTE. *Save more than before*

REICHHOLD CHEMICALS, INC.
General Offices and Main Plant, Detroit 20, Michigan
Other plants: Brooklyn, New York • Elizabeth, New Jersey • South San Francisco, California
Tuscaloosa, Alabama • Liverpool, England • Sydney, Australia

RCI
WORLD-WIDE DISTRIBUTION

INDUSTRIAL CHEMICALS • SYNTHETIC RESINS • CHEMICAL COLORS • INDUSTRIAL PLASTI

Dyes, coaltar (certified colors for foods, drugs and cosmetics—
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics—
Black, D&C black, No. 1, cns. lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.85 - —
Red, D&C red, No. 8, cns...lb. 2.85 - —
D&C red, No. 17, cns....lb. 8.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —
Dyes, coaltar (certified colors for external use, drugs and cosmetics—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.21.85 - —
Ext. D&C red, No. 8, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —

Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202, Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
280 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
529 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00

Dyes, coaltar, for general uses[5] (numbers are those of Colour Index scale)—
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble) lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Black—
865 Nigrosin derivatives..lb. .36 - .44
Blue—
7075 Alizarin astral base.lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue F.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue:—
714 Patent blue A.....lb. 1.05 - 1.10
Brown:—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange:—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol Red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red:—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[6].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841..Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

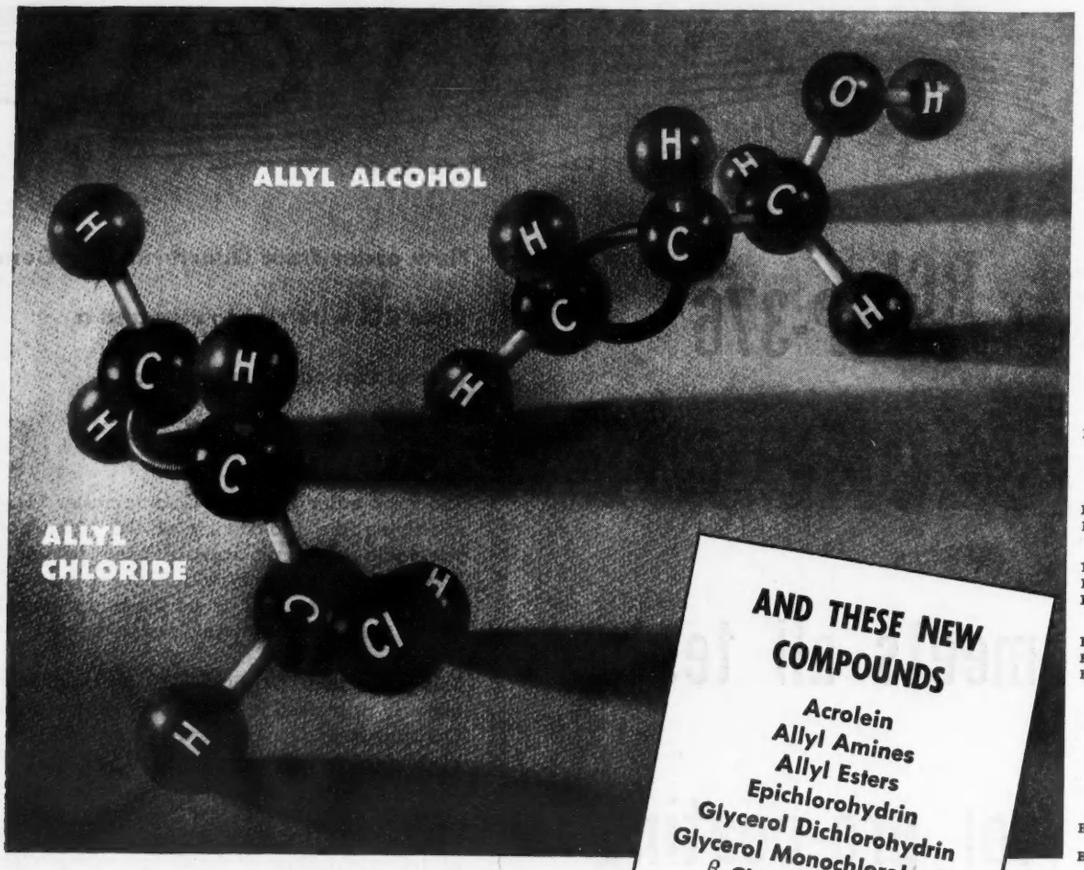
Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).
Black:—
864 Nigrosin .....lb. .36 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red:—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —

Dyes natural (see name of article).

E

Echinacea root, bls.....lb. .95 - 1.00
Egg[1] albumen (see Albumen).
Yolk, dried, dom.....lb. 1.09 - 1.15
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs.....lb. No stocks
select, bndls.....lb. .50 Nom.
Emetine[6] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs. oz. .95 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.00 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l. .....lb. .08 - .09
Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, dms.....lb. 1.40 - 1.45
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial. 2.10 - —
Ether, acetic ..see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .80 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[2,6] 85-90%, dms., c.l., frt. alld..lb. 11.70- 12.75
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld.. lb. .1225- .1335
l.c.l., frt. alld.....lb. .1275- .1385
tanks, frt. alld.....lb. .1125- .1235
NF, dms.....lb. .14½- .15½

COMING... in Commercial Quantities



AND THESE NEW COMPOUNDS

Acrolein
Allyl Amines
Allyl Esters
Epichlorohydrin
Glycerol Dichlorohydrin
Glycerol Monochlorohydrin
β Chlorallyl Alcohol
γ Chlorallyl Alcohol
Glyceryl Ethers
1·3 Dichloropropylene
1·2·3 Trichloropropane

Most of these compounds not available until after the war

THESE new chemicals . . . allyl alcohol, allyl chloride and diallyl ether . . . will be available in commercial quantities from a new Shell plant now under construction.

Chemists may look forward to the synthesis of many new compounds from these base materials. Your inquiries are invited.

SHELL CHEMICAL Division of SHELL UNION OIL CORPORATION
100 BUSH ST., SAN FRANCISCO 6, CALIFORNIA
R. W. GREEFF & CO. *Eastern Sales Agent* 10 ROCKEFELLER PLAZA, NEW YORK 20. TRIBUNE TOWER, CHICAGO 11

ADVERTISEMENT—*This entire page is a paid advertisement.* *Prepared Monthly by U. S. Industrial Chemicals, Inc.*

U.S.I. CHEMICAL NEWS

September ★ A Monthly Series for Chemists and Executives of the Solvents and Chemical Consuming Industries ★ 1944

Postwar Cosmetics Seen as Big Users of U.S.I. Chemicals

Indalone and BK-5 as well as standbys like ethanol expected to find many new applications

Just about the first postwar idea in every cosmetic manufacturer's mind is to get back to *prewar* raw materials. Substitutes for ethyl alcohol and other cosmetic ingredients have rendered indispensible service in extending the available supplies of these war-scarce chemicals. But the inherent advantages of ethyl alcohol, for example, will make the return of unlimited supplies a significant event to the industry. In addition, of course, many manufacturers have new products ready, waiting for ethyl alcohol and other chemicals to produce them.

New Products Coming

Among the more interesting new products now in prospect, are modifications of the suntan lotions and insect repellents which made such rapid strides just before the war. Precisely what these products are, manufacturers naturally do not reveal. In the field of insect repellents, however, it is certain that wide use will be made of the knowledge gained in developing insectifuges for our armed forces. The government's new all-purpose repellent, in which U.S.I.'s Indalone is a vital ingredi-

(*Continued on next page*)

New Solvent Blend Gives Better Primer Adhesion

According to a leading process engineer, a mixture of hydrocarbon solvents, such as toluene and xylene, with alcohol in the ratio of two parts to one is most efficient in cleaning surfaces prior to the application of the zinc chromate primer coat. This mixture flashes off the surface quickly and leaves no residue, while the alcohol content is great enough to remove any moisture.

He also states that this mixture has an added application in cleaning the primer coat before the final finishing coat is applied. While it will not remove the primer without abnormal rubbing, it softens it sufficiently to improve the adhesion of the finish coat.

New Foam Insulation Saves Space, Weight

A new, phenol-resin foam plastic insulating material, which weighs only two pounds per cubic foot, is lighter and lower in heat conductivity than rock wool, glass fibre or cork. Its present war uses are secret, but it promises to have many peace time applications because of its self-raising and self-curing properties. The new foam plastic should find special favor with designers of modern prefabricated houses, refrigerators, automobiles and other products, where low-weight, high-efficiency heat insulation is desired.

The director of the laboratory which developed the new insulation explained, "It just grows all by itself. It will foam to 30 times its own size, that is, a quart can of the mixture will expand sufficiently to fill a 7 to 8 gallon receptacle in about 10 minutes. What little heat is required is generated by the mixture itself."

The new product, which resembles molasses in appearance, will begin to foam and expand within a maximum of five minutes after the mixing stops. It cures itself without application of heat or any further attention.

Longer-lived Catalysts For Nitrile Production

In producing nitriles from primary alcohols and ammonia, copper catalysts rapidly lose their effectiveness. Yields range from 80 down to 40 per cent. Two newly patented processes are claimed to increase yield by boosting the activity and stability of the catalyst.

The new processes involve the use, as catalyst, of either reduced silver, reduced copper or, better, a mixture of the two deposited on a partially dehydrated amorphous oxide of aluminum, zirconium, thorium, or other rare earth metal. The latter serves as a dehydrating agent.

While the new catalysts lose effectiveness, they do so much less rapidly than copper alone. Further, they may be reactivated readily by passing air over the catalyst at the temperature of reaction. This is followed by treatment with hydrogen to restore the oxides to the metallic form.

Among the alcohols readily converted to nitriles by this process are n-butanol and ethanol.

U.S.I. Expands Line of Modified Alkyd Specification Resins

New S&W War Resins Well Suited for Government Agency Coatings

Supplementing its announcement of Aroplaz 1375 in the August issue of CHEMICAL NEWS, U.S.I. now announces eight additional Aroplaz resins in which phthalic anhydride content has been adjusted to meet current War Production Board restrictions. The comparative specifications of all nine resins are shown in the box below.

All of these resin vehicles have been designed to help manufacturers to formulate government agency specification finishes at minimum raw-material cost, and with no sacrifice in quality.

Army specification 3-183 requires S&W Aroplaz 1365 blended with S&W Fused Congo No. 5, while Quartermaster Corps specification CQD-200A requires S&W Aroplaz 1205-H. Specification CQD-65B is met with S&W Aroplaz 1130 blended with either urea or melamine.

31.5% Phthalic Content Resins

S&W Aroplaz Resins 1323L, 1323D and/or 1333 will be found eminently satisfactory for producing coatings to meet Army specifications 3-177, 3-178, 3-181 and 3-187, Engineer Corps specification T-1760, and Federal specification TT-E-485.

24% Phthalic Content Resins

A maximum phthalic anhydride content of 24 per cent has been set up for Bureau of Ships specification 52R13 and Maritime Commission specification 52MC21—both for alkyd-resin solutions. These government specifications are met by S&W Aroplaz 1240 and 1244 respectively.

16% Phthalic Content Resin

Use of Aroplaz 1375 in the Army and Navy replacement specifications where alkyd resins not exceeding 16 per cent phthalic anhydride content are permitted, was discussed in detail in the August issue of CHEMICAL NEWS.

RESIN SPECIFICATIONS

S&W AROPLAZ	Solution	Visc. G. H.	Acid Value of Solids	Color (GH 1933)	Lbs./Gal. at 20°C.	Phthalic Anhydride Content	Oil Content
1130	60% in Xylol	Z3-Z5	4-6	5-8	8.5	38	40.5
1205H	50% in HSN	Z4-Z5	6-12	7-10	8.0	30-31.5	37
1240	70% in MS	Z-Z1	6-10	6-8	8.0	23-24	64
1244	70% in MS	Y-Z1	6-10	7-12	8.0	23-24	65
1323 Lt.	50% in MS	Z-Z2	5-10	5-10	7.65	30-31.5	54.5
1323 Dk.	50% in MS	Z3-Z4	5-10	16-18	7.70	30-31.5	54
1333	50% in MS	U-W	5-10	5-10	7.65	30-31.5	54.5
1365	60% in Xylol	Z-Z2	18-25	6-9	8.5	38.5	45.5
1375	50% in MS	S-V	12-18	16-18	7.65	15-16	56

ADVERTISEMENT—*This entire page is a paid advertisement.*

September ★ **U.S.I. CHEMICAL NEWS** ★ 1944

Ups Color Fastness of Printed Textiles

Claimed to be resistant to dry cleaning solvents and other detergents, a new pigmented lacquer-in-water emulsion printing paste has been patented for use in the printing of textiles.

The new product employs a lacquer-in-water emulsion containing a pigmented base. The base includes a urea-formaldehyde resin in a solvent consisting of xylol and butanol, resins, and pine oil. Before use, paste is dispersed in a neutral base made from water, resins, and methyl cellulose.

Stabilizes Halogenated Compounds with Acetone

According to a recent patent, halogenated ketones, such as iodoacetone and bromoacetone, can be stabilized with a water-miscible solvent so that the halogen is retained until the compound comes in contact with water. Among the solvents mentioned for this use are acetone and ethyl acetate. It is claimed that this stabilization increases the utility of these halogen compounds as germicides, fungicides, etc. One use suggested for them is the treatment of ships hulls to prevent fouling.

Citrus Pectate Pulp Solves A Synthetic Rubber Problem

Unlike natural rubber, the synthetic product has a decided tendency to adhere to paper and to flow. As it is shipped from manufacturing to process plants in paperboard boxes, or multi-wall paper bags, this tendency to stick to paper greatly complicates its packaging and handling.

A film of citrus pectate pulp in an aqueous dispersion containing some sodium phosphate applied to the paper container, is reported to solve this problem. The film adheres lightly to paper, strongly to synthetic rubber. When package is emptied, the film pulls cleanly from the paper, and carries through with the rubber as a minute, and entirely innocuous constituent.

Postwar Cosmetics

(Continued from preceding page)

ent, provides one excellent example.

In the field of sun-tan lotions it is equally certain that wide use will be made of BK-5, U.S.I.'s light-screening compound. Bright prospects, too, are envisioned for combination suntan-insect repellent products utilizing Indalone's dual properties as a light screening agent and insect repellent.

Wider Usage of Ethanol

There are many reasons why the perfume and cosmetic industry has, since the earliest days, been a heavy user of ethanol. Perhaps first is its wide-range solvent power. However, its astringent action on the skin, its antiseptic power, and its rapid evaporation rate which leaves a pleasant, cool sensation are factors of equal importance.

Still another prominent advantage of ethanol is its pleasant, neutral odor, which entails no camouflaging.

Medicated lotions, shaving lotions, hair lotions and the rest of the strongly alcoholic products may safely be expected to be on the market in ever increasing variety just as soon as conditions permit. The same applies to the mildly alcoholic lotions — skin fresheners, cleaners, deodorants, hair wavers, bleaches and the rest—and to ethanol-containing shampoos, liquid shaving soaps, dentrifices. Yes, even bubble-bath preparations!

Other U.S.I. Products

Among the other U.S.I. products destined to find widening use in postwar cosmetics are urethan (as a patented fixative for hair dyes), amyl acetate (for perfuming and flavoring lipstick), ethyl acetate, amyl acetate and ethyl phthalate (as perfume ingredients), nitrocellulose solutions (for nail enamels), ethyl, butyl, and amyl acetates and dibutyl phthalate as plasticizers in lacquer and as nail polish removers.

Alkyd Resin Used in Wound Coverings

Rayon, impregnated with an alkyd resin, has been accepted by the British Pharmaceutical Codex as a substitute for oiled silk to be used in covering wet dressings to inhibit drying.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

Four new adhesives are offered by their manufacturers for the following applications: **(No. 847)** for back and face of container labels; adhesive is claimed to dry immediately to clear film that resists water, weather, oil, brine: **(No. 848)** for sealing waterproof boxboard containers; adhesive comes as a dry, stable powder: **(No. 849)** for laminating structural wood parts; this resin adhesive is claimed to cure in one hour at 180° F and to have a working life of four hours at 70° F: **(No. 850)** for bonding aluminum to aluminum, iron to iron, or either metal to non-metals; consisting of resin base and curing agent, adhesive acts at 300° F.

U S I

A new synthetic insecticide is offered for replacing scarce natural products in the control of aphids, leafhoppers, and other pests. In killing certain sucking insects, the product is claimed to equal nicotine, rotenone, and pyrethrum. **(No. 851)**

U S I

Continuous dehydration of compressed air or gas is said to be feasible with a new device comprising two ceramic tubes, one water-repellent, the other water-permeable but impervious to air. Designed to protect air tools, gas generators, etc., the device is inserted in the line. The second tube acts as a wick continuously drawing out water without allowing gas to escape. **(No. 852)**

U S I

A new neutralizer perfume is claimed not only to have the hiding power to cover the heavy odors of toxic agents, but in addition to impart a light refreshing fragrance. **(No. 853)**

U S I

A new hot-forming plastic comes in laminated sheets which can be bent, formed or drawn, upon heating to 275° F, according to a recent announcement. Products so formed are said to have high tensile, flexural, and compressive strengths. **(No. 854)**

U S I

Mildew proofing, of cotton, jute, sisal, linen and hemp, is said to be effected with a new product. The product comes as a solution which is compatible with standard water repellents. **(No. 855)**

U S I

Higher adhesion of paints, lacquers, and enamel to surfaces of copper, brass, or bronze is said to be obtained when the surface is first treated with a new product which produces a stable, adherent cupric oxide coating. **(No. 856)**

U S I

A new stearate, claimed to prevent water absorbtion by edible hydroscopic powders, is also offered for use in edible oil emulsions, shortenings, etc. Other uses include emulsification of waxes, oils, and polishes, and as a pour-point depressant for lubricating oils. Dispersible in hot water, product is soluble in alcohols and hot hydrocarbons. **(No. 857)**

U S I

A molasses replacement for use as a binder in foundry work, briquetting, thickening agents and similar applications, is reported to be available in quantity, without allocation limitations. **(No. 858)**

U.S.I. INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., NEW YORK 17, N. Y. — BRANCHES IN ALL PRINCIPAL CITIES

CHEMICALS · RESINS · ANTI- · SOLVENTS · ALCOHOLS · FREEZE · USI SERVICE TO INDUSTRY

ALCOHOLS
Amyl Alcohol
Butanol (Normal Butyl Alcohol)
Fusel Oil—Refined
Ethanol (Ethyl Alcohol)
Specially Denatured—all regular and anhydrous formulas
Completely Denatured—all regular and anhydrous formulas
Pure—190 proof, C.P. 96%
Absolute
*Super Pyro Anti-freeze
*Solox Proprietary Solvent
***ANSOLS**
Ansol M
Ansol PR

ACETIC ESTERS
Amyl Acetate
Butyl Acetate
Ethyl Acetate
OXALIC ESTERS
Dibutyl Oxalate
Diethyl Oxalate
PHTHALIC ESTERS
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
OTHER ESTERS
*Diatol
Diethyl Carbonate
Ethyl Chloroformate
Ethyl Formate

INTERMEDIATES
Acetoacetanilide
Acetoacet-ortho-anisidide
Acetoacet-ortho-chloranilide
Acetoacet-ortho-toluidide
Acetoacet-para-chloranilide
Ethyl Acetoacetate
Ethyl Benzoylacetate
Ethyl Sodium Oxalacetate
ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.
RESINS
Natural
Synthetic

ACETONE
Chemically Pure
FEED CONCENTRATES
*Curbay B-G
*Curbay Special Liquid
*Vacatone 40
OTHER PRODUCTS
Colladions
Ethylene
Ethylene Glycol
*Indalone
Nitrocellulose Solutions
Urethan

*Registered Trade Mark

Ethyl acetoacetate, dms., c.l., works..lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E....lb. .58 - —
Chloride, dms.....lb. .16 - .20
Cinnamate, cns.....lb. 3.25 - 3.85
Formate, dms., f.o.b. Agnue, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works.lb. .50 - —
smaller lots, same basis....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride,[3] dms., c.l., works, E. of Rockies, frt. alld..lb. .0342- —
West of Rockies, same basis..lb. .0391- —
l.c.l., works, E. of Rockies, alld..lb. .0691- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Ethyleneglycol,[2,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] d m s., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, d m s., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Monoethylether acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylethanolamine, d m s., c.l., works..lb. .67 - —
l.c.l., works.....lb. .60 - —
Ethylmorphine hydrochloride, bots..oz. 10.55 -10.75
Ethyldinaniiin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more. lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .15
Eugenol, cns., dms.....lb. 2.65 - 2.25
Euphorbia, bls.....lb. .12 - .15

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton. 14.00 -17.50
bgs., min., 2 tons.....ton. 17.00 -20.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 - 12.25
bgs., l.c.l., min. 2 tons..ton. 12.75 -16.25
pottery, bulk, c.l., works...ton. 17.00 -19.00
l.c.l., bgs., min. 2 tons..ton. 20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .20 - .20½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton. 35.00 - —
l.c.l., same basis.....ton. 40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns.....gal. 19.00 -20.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fisholls (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton. 72.50 - —
65% protein, same basis..ton. 78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton. 66.50 - —
Flake white, bbls.....lb. .09 - —
kegs.....lb. .11 - —
Fleaseed, French, black, bgs..lb. .70 - .73
Indian, blonde, bgs.....lb. .13 - .16
Fluorspar, No. 1, ground, 96-98% CaF_2, bulk, c.l., mines. net ton. 37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton. 33.00 - —
65%, mines.....net ton. 32.00 - —
60%, mines.....net ton. 31.00 - —
less than 60%, mines..net ton. 30.00 - —
Formaldehyde,[1,2,6] bbls., c.l., works..lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd. N.Y.C.....lb. .0345- —
Fringetree bark, bls.....lb. No stocks
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines.. ton. 8.50 -15.00
Tex. mines.....ton. 12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago.....ton. 4.00 - —
imp., bgs., c.l.....ton. 30.00 -40.00
Furfural,[6] ref., dms., c.l., works. lb. .15½- —
l.c.l., works.....lb. .18 - .25½
tech., dms., contracts, 150,000 lbs. .10 - —
c.l., works.....lb. .13 - —
l.c.l., works.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

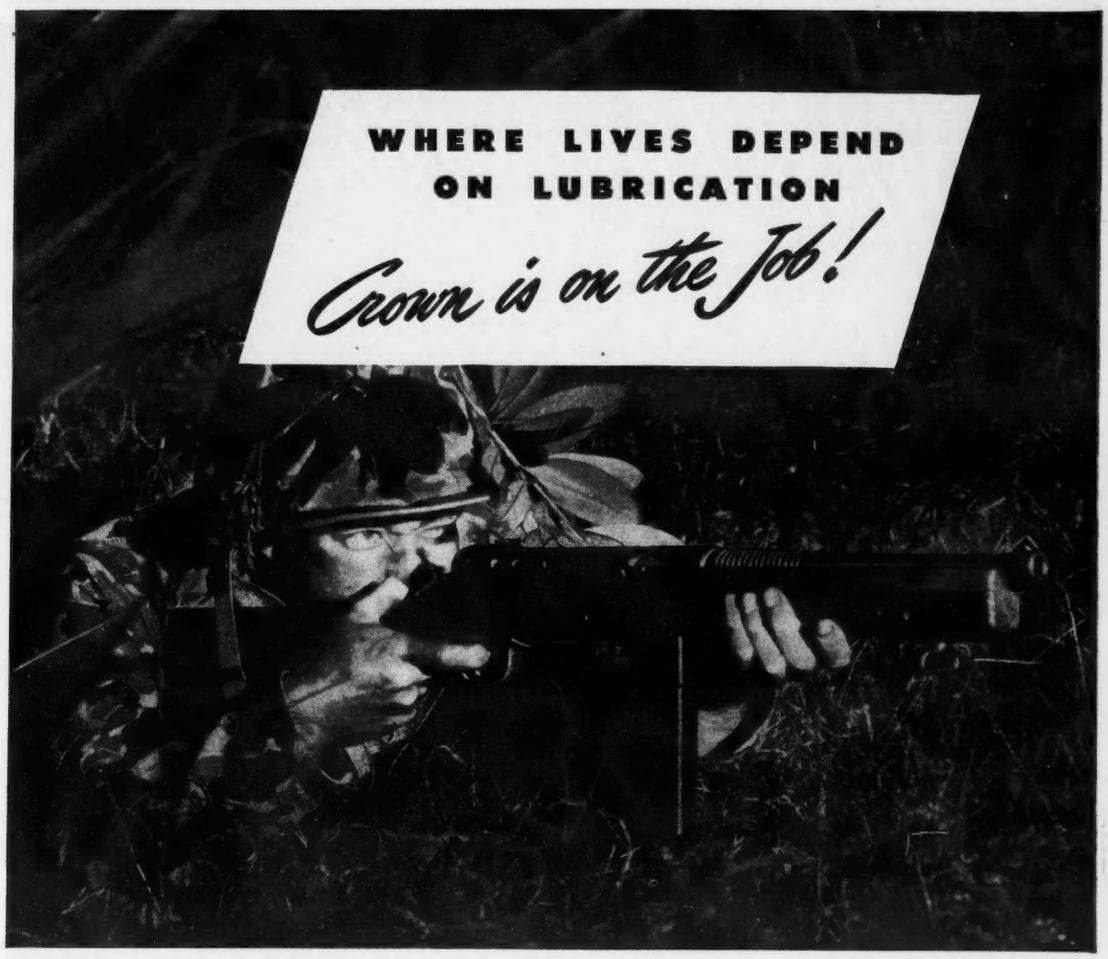
G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls.....lb. No stocks
Gasoline[1] at refnery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .05⅞- —
Bayonne, 70-74 oct., tanks... gal. .09075- —
Gasoline, at refinery, ex tax:—
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05⅝- .06½
Group 3, 70-74 octane, tanks, gal. .06½- .06⅝
natural, 26-70, tanks....gal. .04⅝- .05
Gasoline, at ref'y, ex tax, Oklahoma-Texas, US motor, 70-74 octane, tanks..gal. .05⅞- .06
Pennsylvania, western, U. S. motor 70-74 octane, leaded, tanks..gal. .07⅜- .0895
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.
Gelsemium, root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96% cns., dms....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .27 - .27½
Cochin, bleached, bgs.....lb. .28 - .29
unbleached, bgs.....lb. .25½ Nom.
Jamaica, No. 1, bgs.....lb. .30 - .31
No. 2, bgs.....lb. .26½- .27
No. 3, bgs.....lb. .25½- .26
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45
Glue, bone,[6] producers,' calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/38, bgs., c.l., same basis..lb. .15½- —
Glue, bone, producers, calcium-type, 24 millipoise, 58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.

Glue, hide, producers,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd....lb. .15 - .22½
150-177, bgs., c.l., dlvd....lb. .16 - .23½
178-206, bgs., c.l., dlvd....lb. .17 - .24½
207-236, bgs., c.l., dlvd....lb. .18 - .25½
237-266, bgs., c.l., dlvd....lb. .19 - .26½
267-298, bgs., c.l., dlvd....lb. .20 - .27½
299-330, bgs., c.l., dlvd....lb. .21 - .28½
331-362, bgs., c.l., dlvd....lb. .22 - .29½
363-394, bgs., c.l., dlvd....lb. .23 - .30½
395-427, bgs., c.l., dlvd....lb. .24 - .31½
428-460, bgs., c.l., dlvd....lb. .25 - .32½
461-494, bgs., c.l., dlvd....lb. .26 - .33½
495-529, bgs., c.l., dlvd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls. ½c. over bags.
Glycerin, crude, saponification, 80%, to refiners, tanks..lb. .11¼- —
soapiye, 80%, tanks.....lb. .10 - —
dynamite, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
tanks .....lb. .14¼- —
high gravity, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
tanks .....lb. .14¼- —
ref., USP, CP, 95%, dms., c.l., lb. .15½- —
l.c.l. .....lb. .15¾- —
tanks .....lb. .15 - —
B.P., 98%, dms., c.l.....lb. .15¾- —
l.c.l. .....lb. .16¼- —
tanks .....lb. .15½- —
yellow, distilled, dms., c.l...lb. .15⅜- —
l.c.l. .....lb. .15⅞- —
tanks .....lb. .14½- —

Zone A is:—Col., east of but not including these counties:—Costilla, Custer, Douglass, Fremont, Gilpin, Grand, Huerfano, Jackson, Jefferson, and Teller; all points east of and including Kan., Neb., N. Dak., Omaha, S. Dak., Texas, and Laramie county, Wyo. Zone B is territory between Zone A and C, as follows:—Ariz., Col., west of and including counties specified above Nev., New Mex., Ore., east of and including these counties:—Deschutes, Hood River, Jefferson, Klamath, and Wasco; Wash., east of and including these counties:—Chelan, Kittitas, Kilchat, Oklanogan, and Yakima.

Zone C, territory west of Zone B.

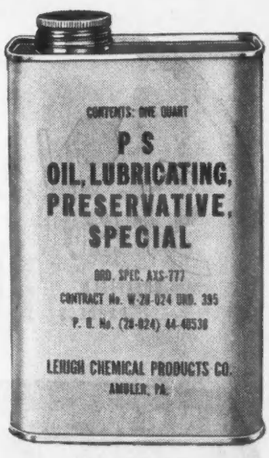
Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz. 20.75 -21.00
acid-yellow, bots.....lb. 18.75 -19.00
Gold-soda chloride, photo., bots., oz. 13.00 - —
USP IX, bots.....oz. 14.50 -14.75
Goldenseal, root, bls.....lb. 7.00 - 7.50
powd., bxs.....lb. 7.25 - 7.75
Grain of Paradise, bgs.....lb. No stocks
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works..lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs, same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,6] house, loose.....lb. .08½- —
white, choice, loose.....lb. .08⅞- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —



You can't coddle machine guns or airplanes in the field! Mud and sand . . . rain and snow . . . are the regular routine on the front line . . . and American lives depend on keeping them in action.

Lubricating Oil for machine guns and airplane instruments . . . packed by the Lehigh Chemical Products Co. of Ambler, Pennsylvania . . . travels right up to the battlefront in cans supplied by Crown.

Just one more example of the way in which Crown is bending every effort to provide containers for every need of our fighting men while keeping production on the highest possible level for the essential packaging requirements of the home front!



CROWN CAN

CROWN CAN COMPANY • NEW YORK • PHILADELPHIA • Division of Crown Cork and Seal Company, Baltimore, Md.

Green, chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis.lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10¾- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —

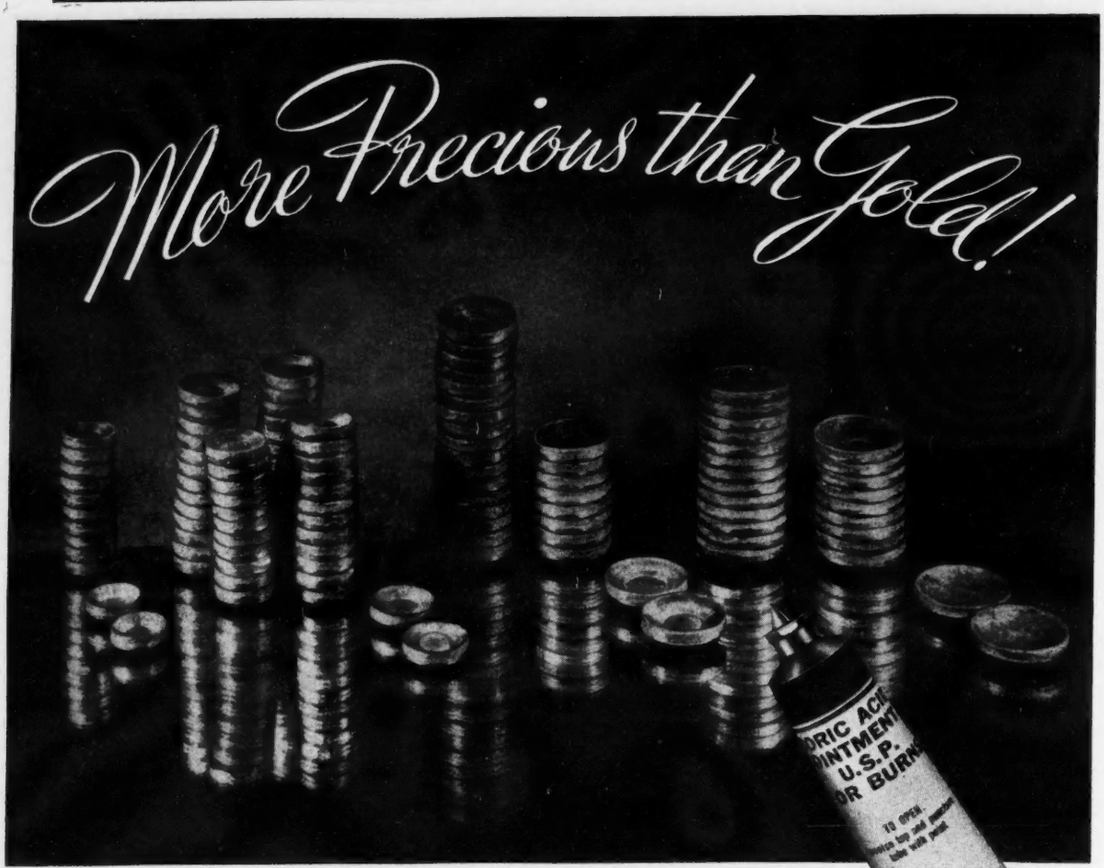
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Green, chrome oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).

Green dyes (see Dyes, green).
Grindella robusta, bls.....lb. .18 - .28
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, carbonate, fib. dms.lb. 2.40 - 2.74
liquid, dms.....lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .11½- .12
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15¾- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —
35, bgs., same basis....lb. .15¾- —
36, bgs., same basis....lb. .12¾- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12¼- —
39, bgs., same basis....lb. .10¾- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11¾- —

Gum, copal, Congo, unsorted, No. 1, bgs., same basis..lb. .14¾- —
2, bgs., c.l., same basis..lb. .12¾- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis..lb. .14⅛- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis..lb. .09 - —
chips, same basis....lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis..lb. .05¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped.....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
chips, same basis....lb. .11½- —
dust, same basis....lb. .06½- —
nubs, same basis....lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .22½- —
chips, same basis....lb. .11¾- —
dust, same basis....lb. .06½- —
nubs, same basis....lb. .16¾- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bskts, c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis....lb. .15½- —

Gum, copal, Manila, loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
MB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis.lb. .15½- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l., lb. .08¾- —
Philippine,[1] Manila, extra bold, pale scraped, bskts., same basis..lb. .15 - —
sorts, same basis.....lb. .12¾- —
pale chips, bold, same basis.lb. .13 - —
nubs, WCB, same basis.lb. .13¾- —
seeds, dust, same basis...lb. .08¾- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11¾- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23¾- —
mixed, same basis.....lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis.lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¾- —
A/D, same basis.....lb. .28¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .23¾- —
D, same basis.....lb. .25½- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, cs., c.l..lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis..lb. .12¾- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17¾- —
Gum dammar, l.c.l. prices, ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- —
Ester, ord., dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .09½- —
other points, dlvd.....lb. .10 - —
l.c.l., dlvd. Ill., Ind., etc..lb. .09¾- —
other points, dlvd.....lb. .10½- —
Euphorbium, cs.....lb. 1.50 No
Galbanum, cs.....lb. 1.60 - 1
Gamboge, pipe, cs.....lb. No sto
powd., bbls.....lb. No sto
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - —
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
higher.
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis.lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis..lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to
Locust bean, powd., bbls...lb. .68 - —
Mastic, cs.....lb. 5.00 No
Myrrh, cs.....lb. .50 - —
Olibanum, siftings, cs.....lb. .11¼- —
tears, cs.....lb. .18 - —
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. 1.40 No
Scammony, cs.....lb. 1.30 - 1
Talha, bgs.....lb. .10 - —
Tragacanth, No. 1, cs.....lb. 4.50 - 5
No. 2, cs.....lb. 4.00 - 4
No. 3, cs.....lb. 2.75 - 3
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered.....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton 22.65 - —
Harlem River, N. Y., frt. equald..ton 28.25 - —
Medicine Lodge, Kan., frt. equald..ton 17.00 - —
New Brighton, N. Y., frt. equald..ton 28.25 - —
Southard, Oklahoma, frt. equald..ton 17.00 - —
Sweetwater, Texas, frt. equald..ton 21.45 - —
Plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton 12.50 - —
Acme, Tex., frt. equald..ton 12.50 - —
Harlem River, N. Y., frt. equald..ton 13.00 - —
Medicine Lodge, Kansas, frt. equald..ton 12.50 - —
New Brighton, N. Y., frt. equald..ton 13.00 - —
Southard, Oklahoma, frt. equald..ton 12.50 - —
Sweetwater, Texas, frt. equald..ton 12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N. Y., Blue Rapids, Kan., Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas: frt. equald..ton 8.00 - —
Saltville, Va.....ton 9.00 - —



THE SHEFFALLOY metal blanks you see stacked like dollars here, are the first step in our collapsible tube manufacture. Powerful extruding machines tranform them instantly, as if by magic, into full-grown collapsible tubes.

It's these discs or blanks that become scarce in an all-out war economy. Precious metals go into them . . not gold, or silver, or platinum . . but the less critical alloys. Even these have become "precious metals" with the fast-growing needs of our expanding fighting forces! Tough Sheffalloy tubes are *dependably* serving the cause of freedom in all parts of the world. They protect and dispense vital ointments with greatest possible efficiency. And there is a series of over 50 VINICOTE linings for every product, which renders it completely inert to metallic discoloration, corrosion and creep, regardless of its chemical properties. *Only* Sheffalloy tubes are VINICOTE interior coated.

Sheffalloy TRADE MARK REGISTERED SHEFFIELD PROCESS TUBES

NEW ENGLAND COLLAPSIBLE TUBE CO.
3132 S. CANAL STREET, CHICAGO 16 • NEW LONDON, CONN. • W. K. SHEFFIELD, 500 FIFTH AVENUE, NEW YORK 18
THE WILCO COMPANY, 6800 McKINLEY AVE., LOS ANGELES 1

Gypsum, terra alba, paper bgs., c.l., Harlem River, N. Y., ton 12.00 - —
New Brighton, N. Y.; Southard, Okla. ton 12.00 - —

H

Hawthorn berries, bgs. lb. .60 - .65
Heliotropin, cryst., cns. lb. 3.75 - 4.00
Hellebore, white, powd., bbls. lb. .46 - .47
Helonias root, bls. lb. No stocks
Hematine, cryst., bbls., No. 1. lb. .34 - —
No. 2 lb. .30 - —
No. 3 lb. .28 - —
No. 4 lb. .26 - —
No. 5 lb. .24 - —
paste, bbls., No. 1 lb. .14½ - —
No. 2 lb. .13½ - —
No. 3 lb. .12½ - —
Hemlock bark extract,[3,9] 25% tan, bbls., c.l., works lb. No stocks
tanks, works lb. No stocks
Henbane leaves, bls. lb. 1.20 - 1.25
Henna leaves, bls. lb. .17 - .18
powd., bbls., bxs. lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3. gal. .12½ - —
l.c.l., Group 3 gal. .19 - —
tankcars, Group 3 gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3 gal. .13 - —
l.c.l., Group 3 gal. .19 - —
tankcars, Group 3 gal. .10½ - —
laboratory grade, dms., c.l., Group 3 gal. .16 - —
l.c.l., Group 3 lb. .20 - —
10 gals., Group 3 gal. .55 - —
Hexaldehyde, normal, dms., c.l., works lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[3,6] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C. lb. .24 - —
smaller lots lb. .26 - —
USP, dms., 500 lbs. or more, same basis lb. .35 - —
smaller lots lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .13½ - —
l.c.l., Group 3 gal. .19 - —
tankcars, Group 3 gal. .10½ - .11
laboratory grade, dms., c.l., Group 3 gal. .18 - —
l.c.l., Group 3 gal. .29 - —
10 gals., Group 3 gal. .55 - —
Hexanol, dms., l.c.l., works lb. .25 - —
Homatropine hydrobromide, bots. oz. 37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago unit 4.50 - 4.75
Hops, NF, bls. lb. .56 - 1.50
Horehound, bls. lb. .10½ - .12
Hydrangea root, bls. lb. No prices
Hydrastine, bots. oz. 20.00 - —
Hydrochloride, bots. oz. 20.00 - —
Sulphate, bots. oz. 29.00 - —
Hydrastinine, 10 grs., bots. bot. 1.95 - —
Hydrastic (see Goldenseal).
Hydrofuramide, dms., fib., cns., works lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾ - .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal lb. .15½ - .18½
Hydroquinone, bbls., dms. lb. .90 - .94
Hydroxycitronellal, cns. lb. 8.50 - 9.00
dms., extra, ret'able, dlvd. lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots. oz. 20.00 -37.50
Hydrobromide, bots. oz. 20.00 -37.50
Sulphate, bots. oz. 20.00 -37.50
Hypernic, cryst., bbls., No. 1. lb. .42 - —
No. 2 lb. .34 - —
extract, bbls., No. 1 lb. .24 - —
No. 2 lb. .16 - —

I

Icthammol, N. F., bots. lb. 2.45 - 4.30
Indian red (see Red, Indian).
Indigo, nat., chests lb. 2.14 - 2.20
synth., paste, bots. lb. .16½ - .19
powd., bbls. lb. .74½ - .85
Indol, CP, bots. lb. 23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars lb. 1.67 - —
150-lb. kgs., net lb. 1.28¼ - —
resubl., 5-lb. bots., jars lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs. lb. 3.95 - 4.10
jars lb. 4.20 - —
Ipecac[6] root, bgs. lb. No prices
powd., bgs. lb. No prices
Irish moss, ordinary, bls. lb. .26 - .28
powd., 80-90 mesh, bbls. lb. .32 - .33
prime bleached, bls. lb. .35 - .40
powd. lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd. lb. .17 - —
l.c.l., dlvd. lb. .18 - —
solut., USP IX, 100-lb. cbys. lb. .17 - —
50-lb. djns. lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms. 100 lbs. 4.65 - 6.25
150-lb. dms. 100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald. lb. .05 - .06
kgs., works, frt. alld. or equald. lb. .07½ - .08
USP X, cryst., lump, bbls. lb. .07½ - —
dms. lb. .08½ - —
solut., NF, cbys., works, frt. alld. or equald. lb. .06½ - .07½
djns. lb. .10 - —
Citrate, USP VIII, gran., dms. lb. .70 - .75
powd., cns. lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots lb. 3.30 - —
100-lb. lots lb. 3.40 - —
cns., 25 lbs. lb. 3.52 - —
Hyposulphite, bbls., dms. lb. 1.50 - 1.52
Iodide, bots. lb. 3.18 - 3.32
syrup, bots., cbys. lb. .39 - .53
Naphthenate, 6% Fe, 50-gal. dms. lb. .15 - —
Nitrate, red, tech., dms. lb. .03½ - .04
Oxalate, gran., dms. lb. .83 - .85
powd., cns. lb. .52 - —
kgs. lb. .47 - .49
Oxide, black (see Black Iron oxide).
Phosphate, ferric, NF, gran., cns. lb. .54 - .57
Pyrophosphate, gran., cns. lb. .59 - .62
Reduced, 90%, kgs. lb. .65 - .75
Resinte, 7.4% Fe, 100-lb. dms., lb. .17½ - —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms. lb. .05½ - .11
Tallate, 4% Fe, 50-gal. dms. lb. .10¼ - —
Iron-ammonia citrate, brown, green, gran., pearls, dms. lb. .33 - .38
scales, dms. lb. .49 - .52
Oxalate,[6] bbls. lb. .23½ - —
dms., kgs. lb. .25½ - .26½
Iron-soda oxalate, bbls., dms. lb. .23½ - .26½
Isobornyl thiocyanoacetate, cbys., dms., extra, works gal. 4.95 - —
Isobutyl acetate,[6] dms., works lb. .0860- —
tanks, works lb. .0760- —
Propionate, dms., works lb. .102 - —
Isopentane, dms., works lb. .45 - .55
Isophorone, dms., works lb. .25 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld. lb. .11 - —
l.c.l., E. of Rockies, frt. alld. lb. .11½ - .12
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l. lb. .06 - —
l.c.l. lb. .06½ - —
tanks lb. .04½ - —
Isopropylamine, dms., works lb. .35 - —

J

Jaborandi leaves, bls. lb. .09 - .10
Jalap root, NF, bls. lb. .39 - .40
powd., bbls., bxs. lb. .46 - .47
Resin, lump, cns. lb. 5.85 - —
powd., bxs. lb. 5.90 - —
Juniper berries, dom., bgs. lb. .70 - .85

K

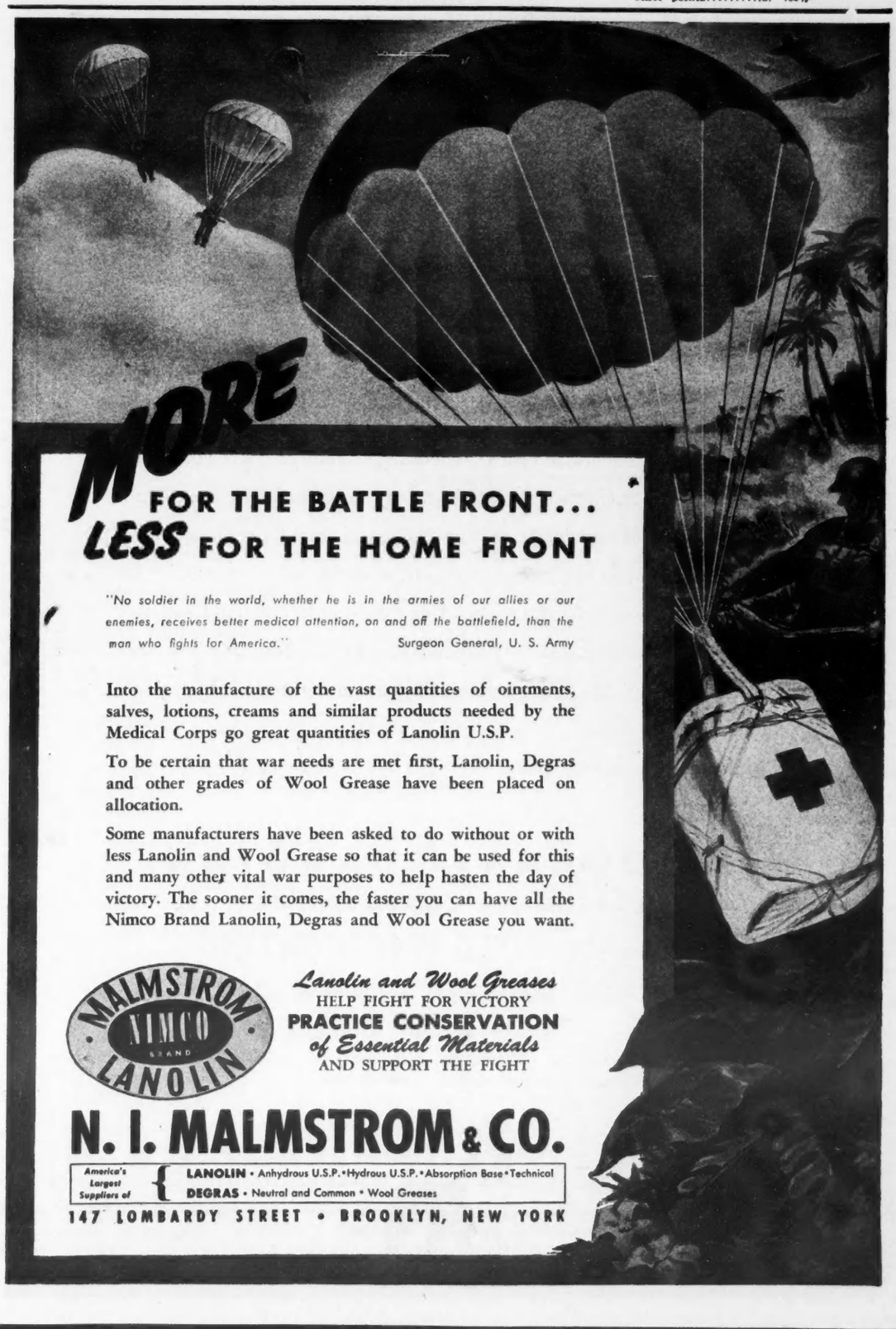
Kamala, tins lb. .40 - .45
Kaolin (see China clay)
Kava kava root, bls. lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. 04¼ - .04¼
Bayonne, 41-43 w.w., tank gal. .071 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼ - .04½
Okla.-Texas, 42-44 w.w., tanks, gal. .04⅝ - .04¾
Kerosene, at refinery, Penn., 45 w.w., tanks gal. .07½ - .08
46 w.w., tanks gal. .07¼ - .07⅝
47 w.w., tanks gal. .07⅜ - .08
San Francisco, tanks gal. .11½ - —
Kola nuts, bgs. lb. .09 - .10

L

Lady slipper root, bls. lb. 1.25 - 1.50
Lanolin (see Adeps lanae).
Lard,[1,6] pure, ref., tcs. 100 lbs. .1522½ - —
Chicago, tcs. lb. .1455 - —
Larkspur seed, bgs. lb. 3.25 - 3.50
Laurel berries, bls. lb. .25 - .26
Laurel leaves, Cyprus, bls. lb. .30 - .31
Greek, bls. lb. No stocks
Portuguese, bls. lb. .19 - .19½
Turkish, bls. lb. .34 - .35
Lavender flowers, medium, bls. lb. .80 - —
ordinary, bls. lb. .45 - .50
select, bls. lb. .90 - .98
Lead,[1,6] (metal) (see paint market).
Acetate,[1] white, broken, bbls. lb. .12½ - —
cryst., bbls. lb. .12½ - —
gran., powd., bbls. lb. .13¼ - —
Arsenate,[1,6] paste, stand., cns., c.l. lb. .05¾ - .06
l.c.l. lb. .06 - .06¼
powder, basic, 3-lb. bgs. or larger, c.l. lb. .11½ - .12
l.c.l. lb. .12 - .12¼
1-lb. ctns., c.l. lb. .18½ - .22¼
l.c.l. lb. .19 - .22
standard, 3-lb. bgs. or larger. lb. .11 - .11½
l.c.l. lb. .11½ - .12
1-lb. bgs., c.l. lb. .16 - .20
l.c.l. lb. .16½ - .20¼
1-lb. ctns., c.l. lb. .18 - .22
l.c.l lb. .18½ - .23¼
½-lb. ctns., c.l. lb. .21 - .25
l.c.l. lb. .21½ - .25¼

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse basis alld. to dest. in lots of 99 lbs. or over; frt. or truck allowance for works or whse pick-ups.

Lead, blue, basic sulphate, bbls., c.l., dlvd. E. lb. .07½ - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .07¾ -
l.c.l., dlvd. E. lb. .07¾ -
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .08 -
Carbonate (see Lead, white).
Chloride, fib. dms. lb. .49 -
Iodide, NF V, powd., bots. lb. 2.80 -
jars lb. 2.60 -
Linoleate, pale, precip., bbls. lb. .22½ -
Metallic paste, works lb. .19¾ - .21½
Naphthenate, 24%-30% Pb 50-gal. dms. lb. .14¾ - .17¾
Nitrate, bbls. lb. .12¾ - —
Oleate, bbls. lb. .17¾ - —
Peroxide, powd., tech., bbls. lb. .23 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash. lb. .09¼ - —
other points lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash. lb. .09¾ - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .10¼ - —
Colo., Mont., N. Mex., Wyo. lb. .10 - —
other points lb. .09¼ -


MORE
FOR THE BATTLE FRONT...
LESS FOR THE HOME FRONT
"No soldier in the world, whether he is in the armies of our allies or our enemies, receives better medical attention, on and off the battlefield, than the man who fights for America."
Surgeon General, U. S. Army
Into the manufacture of the vast quantities of ointments, salves, lotions, creams and similar products needed by the Medical Corps go great quantities of Lanolin U.S.P.
To be certain that war needs are met first, Lanolin, Degras and other grades of Wool Grease have been placed on allocation.
Some manufacturers have been asked to do without or with less Lanolin and Wool Grease so that it can be used for this and many other vital war purposes to help hasten the day of victory. The sooner it comes, the faster you can have all the Nimco Brand Lanolin, Degras and Wool Grease you want.
MALMSTROM NIMCO BRAND LANOLIN
Lanolin and Wool Greases
HELP FIGHT FOR VICTORY
PRACTICE CONSERVATION
of Essential Materials
AND SUPPORT THE FIGHT
N. I. MALMSTROM & CO.
America's Largest Suppliers of
LANOLIN • Anhydrous U.S.P. • Hydrous U.S.P. • Absorption Base • Technical
DEGRAS • Neutral and Common • Wool Greases
147 LOMBARDY STREET • BROOKLYN, NEW YORK

Lead, red, dry, 95% or less Pb_3O_4, l.c.l., smaller lots, Ala., etc., lb. .10½- —
Ariz., etc. lb. .10⅝- —
Colo., etc. lb. .10½- —
other points lb. .10 - —
95%, Pb_3O_4, bbls., c.l., divd. Ala., etc. lb. .09½- —
other points lb. .09¾- —
l.c.l., 5 tons, divd. Ala., etc. lb. .10 - —
Colo., etc. lb. .10¼- —
Ariz., etc. lb. .10½- —
other points lb. .09⅝- —
smaller lots, divd. Ala., lb. .10⅝- —
Ariz., etc. lb. .11 - —
Colo., etc. lb. .10⅝- —
other points lb. .10¾- —
98%, Pb_3O_4, bbls., c.l. (20 tons), divd. Ala., etc. lb. .09¾- —
other points lb. .09½- —
l.c.l., 5 tons, divd. Ala., etc. lb. .10¼- —
Ariz., etc. lb. .10⅝- —
Colo., etc. lb. .10½- —
other points lb. .10 - —
smaller lots, divd. Ala., etc. lb. .10½- —
Ariz., etc. lb. .11¼- —
Colo., etc. lb. .11 - —
other points lb. .10½- —
in oil, 95% min., kgs. lb. .14 - —
Resinate, precip., 23.3% Pb, 160-lb. dms. lb. .17½- —
Silicate, bgs. lb. .0750- .0780
Soyate, 26.15% Pb, 50-gal. dms., lb. .22¼- —
Stearate, bbls. lb. .81 - .83
Sulphate (see Lead, white, basic sulphate).
Tallate, 16% Pb, 60-gal. dms. lb. .08¼- —
Titanate, bgs., bbls., c.l., works, frt. alld. lb. .11 - —
l.c.l., 5 tons, one delivery, lb., frt. alld. lb. .11¼- —
Pac. Cst., ex whse. lb. .11¼- —
smaller lots, lb. frt. alld. lb. .11½- —
Pac. Cst., ex whse. lb. .11¾-

Lead, white, basic carbonate, dry, bbls., c.l., divd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo. lb. .08½- —
divd., other points lb. .08¼- —
l.c.l., divd. Ariz., etc. lb. .08⅝- —
other points lb. .08¼- —
basic sulphate, dry, bbls., c.l., divd. Ariz., etc. lb. .07½- —
other points lb. .07¼- —
l.c.l., divd. Ariz., etc. lb. .08 - —
other points lb. .07½- —
in oil, consumers, kgs. lb. .13¼- .13¾
dealers, 100-lb. kg. lb. .11¾- .12¼
painters, 100-lb. kg. lb. .12¼- .12¾
Lecithin, edible, dms., c.l. lb. .25¼- —
l.c.l. lb. .26½- .45
in cocoa butter, dms., c.l. lb. .39½- —
l.c.l. lb. .40¾- .59
oure vegetable bots., 100-lb. lots. lb. 2.75 - —
tech., dms., c.l. lb. .25¼- —
l.c.l. lb. .26½- .45
Lemon peel, bls. lb. .35 - .40
Licorice extract, mass, cns. lb. .25 - .72
powd., bbls. lb. .60 - .88
root, natural, Indian, bls. lb. .08 - .09
powder, bbls. lb. .14 - .18
Russian, bls. lb. .08½- .09
Spanish, bls. lb. .12 - .18
Lignin extract, tanning grade, bgs., c.l., works. lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass. ton. 8.00 - —
Annville, Pa. ton. 7.50 - —
Bellefonte, Pa. ton. 7.50 - —
Berkley, W. Va. ton. 7.50 - —
Carey, Ohio. ton. 7.00 - —
Cedar Hollow, Pa. ton. 8.50 - —
Crab Orchard, Tenn. ton. 6.25 - —
Eagle Mountain, Va. ton. 7.00 - —
Farnams, Mass. ton. 8.00 - —
Gibsonburg, Ohio. ton. 7.00 - —

Lime, chemical (quicklime), lump or pebble, Hannibal, Mo. ton. 6.50 - —
Keystone, Ala. ton. 6.25 - —
Knoxville, Tenn. ton. 6.25 - —
Limedale, Ark. ton. 7.00 - —
Longview, Ala. ton. 6.25 - —
Manistique, Mich. ton. 8.00 - —
Martinsburg, W. Va. ton. 7.50 - —
Menominee, Mich. ton. 8.00 - —
Mitchell, Ind. ton. 6.50 - —
Newala, Ala. ton. 6.25 - —
Rincon, Cal. ton. 13.00 - —
Ripplemead, Va. ton. 7.00 - —
Riverton, Va. ton. 7.00 - —
Rockland, Me. ton. 8.00 - —
San Francisco, Cal. ton. 13.00 - —
Scioto, Ohio. ton. 6.50 - —
Springfield, Mo. ton. 7.00 - —
Woodville, Ohio. ton. 7.00 - —
York, Pa. ton. 9.00 - —
hydrated, paper bags, f.o.b. Adams, Mass. ton. 9.00 - —
Annville, Pa. ton. 9.00 - —
Bellefonte, Pa. ton. 9.00 - —
Berkley, W. Va. ton. 9.00 - —
Buffalo, N. Y. ton. 10.00 - —
Carey, Ohio. ton. 8.50 - —
Cedar Hollow, Pa. ton. 9.00 - —
Crab Orchard, Tenn. ton. 9.00 - —
Eagle Mountain, Va. ton. 8.50 - —
Farnams, Mass. ton. 9.00 - —
Gibsonburg, Ohio. ton. 9.00 - —
Hannibal, Mo. ton. 9.00 - —
Keystone, Ala. ton. 9.00 - —
Knoxville, Tenn. ton. 9.00 - —
Le Roy, Minn. ton. 10.00 - —
Lime Crest, N. J. ton. 8.50 - —
Limedale, Ark. ton. 9.00 - —
Manistique, Mich. ton. 9.50 - —
Marblehead, Ohio. ton. 9.50 - —
Martinsburg, W. Va. ton. 9.00 - —
Mitchell, Ind. ton. 9.00 - —
Newala, Ala. ton. 9.00 - —
Potoskey, Mich. ton. 9.00 - —
Port Island, Mich. ton. 9.00 - —

Lime, hydrated, paper bgs., Rapid City, S. D. ton. 12.00 - —
Ripplemead, Va. ton. 9.00 - —
Rockland, Me. ton. 9.00 - —
San Francisco, Cal. ton. 16.00 - —
Springfield, Mo. ton. 9.00 - —
Woodville, Ohio. ton. 9.00 - —
York, Pa. ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass. ton. 9.50 - —
Annville, Pa. ton. 9.50 - —
Bellefonte, pa. ton. 9.50 - —
Carey, Ohio. ton. 11.00 - —
Farnams, Mass. ton. 10.00 - —
Gibsonburg, Ohio. ton. 11.00 - —
Lime Crest, N. J. ton. 9.00 - —
Marblehead, Ohio. ton. 11.00 - —
Rockland, Me. ton. 10.00 - —
Scioto, Ohio. ton. 10.00 - —
Woodville, Ohio. ton. 11.00 - —
York, Pa. ton. 9.50 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen,[4] 20.5% N, bgs., works. ton. No stocks
Linalool, cns. lb. 6.75 - 7.00
Linalyl acetate, cns. lb. 3.25 - 3.75
Linden flors with leaves, bls. lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l. ton. 45.00 - —
32%, bulk, c.l. ton. 43.00 - —
Litharge, com'l powd., bbls., c.l., divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash. lb. .08¼- —
other points lb. .08 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .09¼- —
Colo., Mont., N. Mex., Wyo. lb. .09 - —
Other points lb. .08½- —
smaller lots, divd., Ala., etc. lb. .09¼- —
Ariz., etc. lb. .09¾- —
Colo., etc. lb. .09¼- —
Other points lb. .09 - —
Lithium[6] bromide, bbls., 100 lbs. works, frt. equald. lb. 1.90 - —
smaller lots, works. lb. 1.92 - 1.96
Carbonate, NF, 250-lb. bbls., kgs. lb. 1.25 - 1.30
Chloride, jars. lb. 1.65 - 1.70
Citrate, bbls., dms., kgs. lb. 1.40 - 1.45
Fluoride, bbls. lb. 2.45 - 2.60
Hydroxide, jars. lb. 1.25 - 1.40
Iodide, 5-lb. bots. lb. 5.20 - —
25-lb. jars. lb. 5.05 - —
Lithopone,[4] ordinary, bgs., (20 tons). lb. .04¼- —
smaller lots. lb. .04½- —
bbls., c.l. (20 tons). lb. .04½- —
smaller lots. lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l. lb. .0560- —
smaller lots. lb. .0585- —
bbls., c.l. lb. .0585- —
smaller lots. lb. .0610- —
Lithopone, c.l., divd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls. lb. .70 - .75
Lobelia herb, bls. lb. .43 - .48
Lobeline sulphate, bots., wks. oz. 25.50 - 28.00
logwood, cryst., No. 1, bbls. lb. .28 - —
No. 2, bbls. lb. .26 - —
extract, liquid, No. 1, bbls. lb. .14 - —
No. 2, bbls. lb. .13 - —
No. 3, bbls. lb. .12½- —
No. 4, bbls. lb. .10 - —
solid, No. 1, bxs. lb. .23½- —
No. 2, bxs. lb. .21½- —
Lovage root, dom., bls. lb. .50 Nom.
Lupulin, NF, tins. lb. 7.00 - 10.00
Lycopodium, USP, cs. lb. 3.00 - 3.25

M

Mace,[1] Amboyna, cs. lb. .77 - .78
Banda, cs. lb. .92 Nom.
West Indian, bgs. lb. .62 - .63
broken, bgs. lb. .55 - .56
Madder, Dutch, bbls. lb. .24 - .30
Magnesia arsenate,[1,6] dms. lb. .153 - .16
Calcined, tech., USP, bbls., works. lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs. lb. .06¼- —
kgs. lb. .08¾- —
l.c.l., bgs. lb. .07¼- —
bbls. lb. .08½- —
kgs. lb. .09¾- —
2, c.l., bgs. lb. .06¼- —
bbls. lb. .07½- —
kgs. lb. .08¾- —
l.c.l., bgs. lb. .07 - —
bbls. lb. .08¼- —
kgs. lb. .09½- —
USP, Zone 1, c.l., bgs. lb. .08 - —
bbls. lb. .08¼- —
kgs. lb. .09¾- —
l.c.l., bgs. lb. .09 - —
bbls. lb. .09½- —
kgs. lb. .10¾- —
Zone 2, c.l., bgs. lb. .06¼- —
bbls. lb. .06½- —
kgs. lb. .09¾- —
l.c.l., bgs. lb. .08¼- —
bbls. lb. .09¼- —
kgs. lb. .10½- —
Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld. Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., divd. storedoor.
Chloride, anhyd., bbls., divd. lb. .13 - —
flake, bbls., c.l., works. ton. 32.00 - —
l.c.l., works. ton. 39.00 - 42.00
Fluoride, bbls. lb. .40 - .50
Hydroxide, med., bbls., dms., kgs. lb. .29 - .30
Hypophosphite, cns. lb. 1.45 - —
Laurate, bbls. lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works. lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls., lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls. lb. .08 - .09
Stearate, bbls. lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts. lb. .37 - —
smaller lots, dms. lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif. ton. 58.75 - —
dead-burned,[1] bulk, c.l., f.o.b. Chewelah, Wash. ton. 22.00 - 32.00
Malva flowers, black, bls. lb. No stocks
blue, bls. lb. No stocks
Leaves, bls. lb. .49 - .55
Manaca root, bls. lb. .24 - .26
Mandrake root, bls. lb. .23 - .26

Bank Credit

TRAVELS

to meet your Inventory!

Under Douglas-Guardian field warehousing, inventory right on your own premises—drugs, chemicals, cosmetics, raw materials or finished merchandise, packages or containers—may be used as collateral for bank loans.

When you want to raise funds on your inventory—*without moving it*—consult a Douglas-Guardian operating man—the key man in Douglas-Guardian procedure. He will explain how to handle your particular transaction quickly and economically; demonstrate how Douglas-Guardian warehouse receipts bring the banker to your doorstep and bank credit to your inventory.

DOUGLAS-GUARDIAN
WAREHOUSE CORPORATION
Nation-Wide *FIELD WAREHOUSING*

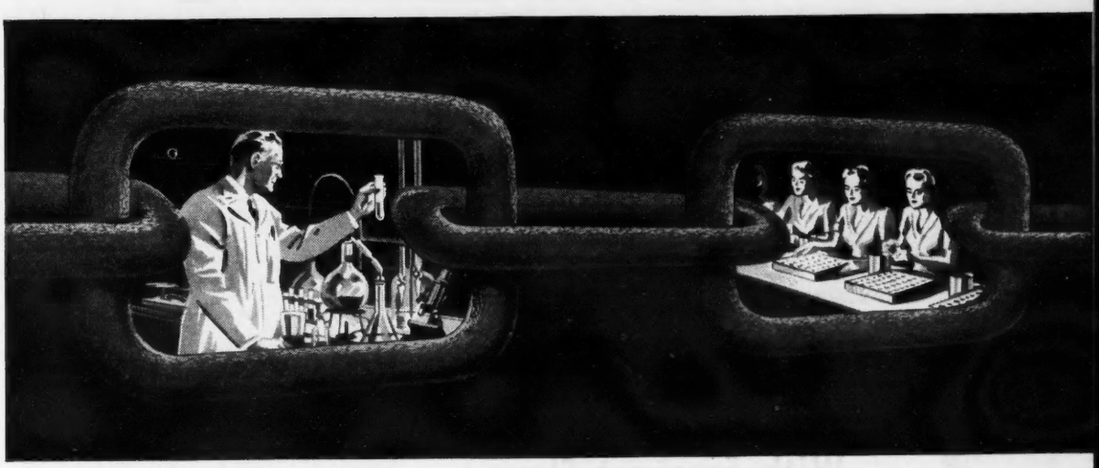
New Orleans (1): 118 North Front Street • Chicago (3): 100 West Monroe Street
New York City (4): 50 Broad Street

ATLANTA • CLEVELAND • DALLAS • EASTON, MD. • LOS ANGELES • MEMPHIS • SAN FRANCISCO
PORTLAND, ORE. • ROCHESTER, N.Y. • SPRINGFIELD, MASS. • PHILADELPHIA • TAMPA, FLA. • SPRINGFIELD, MO.

Manganese acetate, dms......lb. .25½- —
Arsenate,[9] bgs......lb. .12 - .13½
Borate, tech., bbls......lb. .16 - .18
Carbonate, bbls......lb. .19 - —
Chloride, anhyd., bbls......lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 29-40 tons, works, ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works... ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
85-90%, paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, 2 bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs......lb. 3.27 - —
Hydrate, bbls., dlvd......lb. .26 - —
Iodide, bots., 5 lbs......lb. 5.70 - —
jars, 25 lbs......lb. 5.55 - —
Linoleate, liquid, 4%, dms....lb. .20 - —
solid, precip., 8.2%, bbls....lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms...lb. .16 - —
Resinate, fused, 3½%, bbls...lb. .09 - .15½
precip., dms......lb. .14½- .15½
Soyate, 8.2% Mn, 50-gal. dms., bgs...lb. .22 - —
Sulphate, anhyd., dms., works...lb. No stocks
feed grade, 77-80%, bgs....lb. 04 - .05
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 - —
industrial grade, 80%, $MnSO_4$, bgs...lb. .05 - .05¼
Tallate, 4% Mn, 50-gal. dms... lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 - —
Manna flake, cs......lb. No stocks
Mannitol,[6] com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —
Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls......lb. .29 - .30
California, French type, bls., f.o.b. Pacific Coast..lb. .86 - .87
Chilean, bls......lb. .33½- .34
Portuguese, wild, bls......lb. .30 - .31
Matico leaves, bls......lb. .23 - .29
Menthol,[1] natural, Brazilian, cs., 500 lbs...lb.16.50 - —
smaller lots.....lb.16.75 -16.90
synthetic, USP, cs......lb.13.00 - —
technical.....lb. 6.00 - 6.50
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .73
30%, pails.....lb. 1.19 - 1.21
50%, pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[3] dms......lb. 2.15 - 2.17
Chloride,[3] (see Calomel).
Cyanide,[3] cryst., powd......lb. 3.24 - —
Iodide,[3] red, NF, dms., kgs.lb. 3.90 - —
yellow, fib. dms., kgs......lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[3] NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, NF VI, fib. dms...lb. 2.24 - 2.36
red,[3] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[3] 5-lb. ctns.lb. 1.49 - 1.54
dms......lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., dlvd...lb. .11½- —
l.c.l., dlvd......lb. .12 - —
tanks.....lb. .10½- —
Metal leaf, composition, 5½x5½ in...pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in......pkg. 3.00 - —
Metanitroparatoluidin, bbls.....lb. 1.05 - 1.10
Metaphenylenediamine, kgs.....lb. .65 - —
Metatoluylenediamine, kgs......lb. .70 - —
Methanol,[1,9] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —
[1]Inside prices on natural methanol are drums extra; outside drums included
Prices W. of Miss. R., 3c. higher.
synthetic,[2,9] dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd..gal. .34 - —
3, frt. alld......gal. .38 - —
4, frt. alld......gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld......gal. .43 - —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd..gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld......gal. .27 - —
3, frt. alld......gal. .29 - —
4, frt. alld......gal. .29 - —
Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.
Methyl abietate, dms., c.l., dlvd..lb. .0722- —
l.c.l., 10-dm. lots, dlvd...lb. .0847- —
single dms., dlvd......lb. .0947- —
smaller cont., dlvd......lb. .1447- —
hydrogenated, dms., c.l., dlvd..lb. .1122- —
l.c.l., 10-dm. lots, dlvd...lb. .1247- —
single dms., dlvd......lb. .1347- —
smaller cont., dlvd......lb. .1847- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss...lb. .10½- .12
W. of Miss......lb. .11½- .13
l.c.l., E. of Miss......lb. .11 - .14
W. of Miss......lb. .12 - .13½
tanks, E. of Miss......lb. .09½- —
W. of Miss......lb. .10½- —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss......lb. .08 - —
l.c.l., E. of Miss......lb. .07½- .11
W. of Miss......lb. .08½- .10¼
tanks, E. of Miss......lb. .06 - —
W. of Miss......lb. .07 - —

Methyl acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —
Natural methyl acetone quoted drums, extra by Group B, sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Methyl acetone, synthetic, dms., c.l., Zone 1..gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —
Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex. Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N Mex., Mont., Nev., Idaho, Ore., Utah. Wash.
Methyl alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots......lb. 2.25 - 2.65
Benzoate,[6] ctns......lb. .70 - 1.10
Bromide, cns......lb. .75 - .80
cyls......lb. .85 - .75
Chloride, refrigeration, 500 lbs. and up machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
Methyl chloride, refrigeration, 50 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —
Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.
Cinnamate, cns......lb. 1.50 - 4.00
Formate, dms......lb. .89 - —
Lactate, dms., l.c.l., dlvd...lb. .70 - —
Iodide, bots......lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms......lb. .35 - —
25-50 lbs......lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .58 - —
100 to 1,999 lbs., frt. alld., lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks



forging the completing link

Dow research may have discovered just the thing for your latest development

Since its very inception, Dow has devoted much time and a large measure of its resources to research. As a result of this continuous effort over a long period, Dow has in its laboratories today literally thousands of chemicals whose practical usefulness has not yet been definitely or finally determined. These chemicals are available to you, and one of them may prove to be just the material required to complete a development of your own.

This Dow "library" of special chemicals, and the long experience of Dow research chemists . . . Dow's ability to produce chemicals for use by pharmaceutical manufacturers as intermediates or as finished products . . . Dow's well-known position as a leading source of basic, "old-line" chemicals—all these add up to the sum total of Dow's cooperation with the pharmaceutical industry.

If any, or all, of these services can be of help to you, you are invited to consult Dow. Your inquiry will be handled confidentially and promptly.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

New York • Boston • Philadelphia • Washington • Cleveland • Detroit
Chicago • St. Louis • Houston • San Francisco • Los Angeles • Seattle

PHARMACEUTICAL *Chemicals*

DOW
CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Methylene blue, medicinal, kgs., 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11¼- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —
Metronite pigment (see Synthetic Resins and Other Branded Paint Materials list.)
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l.....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l.....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l.....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l.....lb. .04¼- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l.....lb. .04¼- —
white, 1,000 mesh, bgs., c.l.. lb. .03¾- —
l.c.l.....lb. .04¼- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l.....lb. .05¼ -

Mica, wet-grd., paint or laq., paper bgs., c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l.....lb. .05 - —
wallpaper, bgs, c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in car-load lots is frt. alld. E.; less car-load lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb higher W. of Rockies.

Milk powder, skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A..lb. .14½- —
Zone B.....lb. .14¾- —

Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H. N. Y., Pa., R. I., and Vt.

whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.60 - —

Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio Area.

Molybdate orange (see Orange, molybdate).

[illegible] metal,[6] kgs., 99% powd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms, c.l..lb. .03½- —
l.c.l.....lb. .07 - .09
tanks.....lb. .05 - —
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis.....lb. .25½- —
tanks, same basis.....lb. .23½- —
Monoethylamine basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylaniline, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.60 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5 oz. bots....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cns.....lb. .1[illegible] - .13

Musk, ast., Tonquin, grains, bots., oz.40.00 -45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.50
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.75
Musk root, bls.....lb. 2.25 - 2.80
Mustard seed, Calif., brown, bgs., lb. .16½- .17
Montana, yellow, bgs.....lb. .11½- .12
Washington, yellow, bgs.....lb. .11½- .12
Myrobalans,[6] J1, whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account, ton.70.00 - —
crushed, same basis.....ton.75.00 - —
J3, whole, bgs., same basis... ton.58.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[3,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¾- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,8] carbonate, bbls.....lb. .36 - .36¼
Chloride,[6] obls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,8] black, bbls.....lb. .35 - .38
Salt,[6,8] bbls.....lb. .13 - .13½
Nicotine,[7] sulphate, 40%, dms., 50 lbs..lb. .7980- —
tins, 10 lbs.....lb. .90 - —
Nicotinamide,[6] dms.....kilo.13.25 -13.55
Nikethamide, bots., cbys.....lb.18.00 -19.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l.....lb .09 - —
tanks.....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works, lb. .26 - —
5-7, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —

Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.

Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen,[6] solut., tanks, ton N.108.21 - —

Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.

Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. .44 - .45
Chinese.....lb. .39 - .40
Nutmegs,[1] E. I., 95's bgs.....lb. .55 - .56
110's, bgs.....lb. .51 - .52
grinding, bgs.....lb. .45 - .46
West Indian, No. 1, bgs.....lb. .34½- .34½
Nux vomica, bls.....lb. .09 - .11
powder, bbls., bxs.....lb. .12 - .18

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Ocher (see Yellow).
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .20 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal,[6] tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A.....lb. 5.25 - 5.50
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb.140.00-150.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. No stocks
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,3] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb.25.00 Nom.
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. 2.00 Nom.
rectified, cns.....lb. 3.00 Nom.
Bois de Rose, Brazil, cns....lb. 4.75 Nom.
Mexican (see lignaloe wood)
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.65 - 2.25
redistilled, USP X, cns....lb. 2.00 - 2.50
Calamus, cns.....lb.22.50 -25.00
Camphor, sassafrasay, cns...lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.11.75 -12.00
rectified, cns.....lb.13.25 -14.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.23.00 -24.00
Cardamom, bots.....lb.19.00 -21.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l.....lb. .16 - —
cold pressed, USP, bbls., c.l.lb. .14 - —
cns.....lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l.....lb. .14½- —
tanks.....lb. .13 - —

The Orange Oil With Freshest Flavor And Truest Aroma!

Orange Oil is *our* business, and EXCHANGE Brand is your assurance of matchless *flavor*, *freshness*, and *uniformity* — your benefit of over 20 years of our experience in satisfying the requirements of American users.

Ask our Jobbers for Samples

FRITZSCHE BROTHERS, INC.
76 Ninth Avenue, New York, N. Y.

DODGE & OLCOTT COMPANY
180 Varick Street, New York, N. Y.

Distributors for: CALIFORNIA FRUIT GROWERS EXCHANGE PRODUCTS DEPT., ONTARIO, CALIF.

Producing Plant:
Exchange Orange Products Co., Ontario, California

Copyright 1943, California Fruit Growers Exchange, Products Dept.

Exchange
OIL OF
ORANGE
U. S. P.

Oil, castor, dehyd., bodied, dms., c.l..lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
l.c.l. .....lb. .1730- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l. .....lb. .14½- —
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.85
Cedarwood, dms.....lb. 1.00 - 1.25
Celery, bots.....lb. 19.50 -22.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood, (see Oil, tung).
Cinnamon bark oil, bots.....lb. 36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .90 - .95
Java, cns.....lb. No stocks
Clove, USP, cns.....lb. 1.75 - 1.80
Coconut,[1,2] Manila, crude, bulk, c.l.f., N. Y..lb. .0835- —
ref. dms.....lb. .0885- .0985
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms..gal. .88 - —
tankcar .....gal. .83 - .85
Codliver,[5] med., USP, bbls., dms..gal. 2.35 - 2.50
Coriander, bots.....lb. 23.50 -35.00
Corn,[1,5] crude, tanks, works..lb. .12¾- —
edible, dms, l.c.l.....lb. .16¾- .16¼
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .08¼- —
Cottonseed,[1,5] cooking, l.c.l., ret. dms..lb. .16¼- —
foots, acid, 95%, tankcar, dlvd. E..lb. .07¾- —
raw, 50%, tankcar, dlvd. E., lb. .03¾- —
salad, l.c.l., ret. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb. 12.00 - —
Degras (see D).
Dillseed, bots.....lb. 10.00 Nom.
weed, bots.....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.20 Nom.
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 - —
200,000 or more A units .... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns....lb. 13.00 -15.75
Bourbon, cns.....lb. 13.50 -14.00
Russian, cns.....lb. 15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb. 20.00 -22.50
Hemlock, cns.....lb. 2.65 - 3.34
Juniper berry, cns.....lb. 15.00 -16.00
wood, tecn., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. 1.00 - 1.30
Lard,[5] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .15 - —
prime, burning, bbls.....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavandin, cns., 25 lbs.....lb. 8.00 - —
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. .....lb. 11.00 -11.50
garden, cns. .....lb. .55 - .75
spike, Spanish, pure, cns..lb. 3.50 - 4.00
tech., cns. .....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb. 25.00 -50.00
Lemongrass, cns., dms.....lb. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns. .....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns....lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb. 11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1510- —
l.c.l. .....lb. .1550- .161
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
grinding, dlvd. Zone 1, tankcar..lb. .1450- .1550
varnish, dlvd. Zone 1, tankcar, lb. .1490- .1550
polymerized, dlvd. Zone 1, tankcar..lb. .1850- .2050
Boiled linseed oil, .004 over raw.
Linseed replacem't, dms. ret.lb. .131 - .137
tankcar, Zone 3.....lb. .127 - —
Lubricating,[1] at refinery, ex-tax, California, neutrals, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¾- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour tanks..gal. .15 - .17½
140-150 vis., No. 3 color, 10-25 pocr, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .33
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers .....lb. 11.50 -15.00
Menhaden,[1,5] crude, tanks, Balto..lb. .089 - —
light-pressed, ret. dms....lb. .1260- —
tanks .....lb. .1180- —
ref'd, alkali, ret. dms....lb. .1360- —
kettle-boiled, ret. dms....lb. .1460- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[5] exp., dms.....lb. .14¾- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom
Neroli, bots.....lb. 220.00 -275.00
Haitian, dms .....lb. 240.00 -
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Oiticica,[1] liquid, dms.....lb. .20¾- .20½
tanks .....lb. No stocks
Oleo,[5] 1, bbls.....lb. .13¾ Nom
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks.
edible,[1] Calif., ½%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks
foots, dms. .....lb. No stocks.

Oil, olive, sulphonated, 50% (40% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
80% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
85% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brazilian, cns..lb. 1.25 - 1.30
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks.
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless. bots.....lb. 97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,5] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 4.22 - 5.50
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-100 vis., 0/10 pour, same basis..gal. .08¼- —
10/25 pour, same basis.gal. .08¾- —
350° flash, 100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb. 20.00 Nom.
Peanut,[1,5] crude, tanks, mill. lb. .13 - —
bichd., deod., tankcar.....lb. .1501- —
hydrog., tanks .....lb. .1578- .1678
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
import, cns. .....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks.
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns.....lb. 4.50 - 4.75

Oil, pine,[1,6] ret., dms., c.l., dlvd. E..gal. .63 - 63½
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns. .....lb. 3.25 - 3.50
Putty,[2] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. .34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal. .....gal. .28 - —
* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.
Rapeseed,[1,5] denat., bulk, c.i.f. N. Y..lb. .1150- —
Red,[5] dist. dms., dlvd.....lb. .12¾- .13¾
tanks, dlvd. .....lb. .12 - —
double dist., ret. dms.....lb. .13¼- .16¾
Saponified, same prices.
Rose, natural, coppers.....oz. 30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal .72 - —
Rue, bots. .....lb. 8.25 Nom.
Sage, Spanish, cns.....lb. 3.00 - 5.00
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast..lb. .0860- —
light-pressed, ret. dms.....lb. .128 - .13
tanks .....lb. .1225- —
ref'd alkali, ret. dms.....lb. .138 - .14
kettle-boiled, ret. dms.....lb. .1480- .150
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....gal. 1.90 - 2.00
Savin, cns. .....lb. No stocks
Savory, cns. .....lb. 8.00 - —
Sesame,[1,5] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns.....lb. No stocks

Oil, soybean,[1,5] crude, tanks, Decatur..lb. .1175- —
deod., Winter, tankcar.....lb. .1393- —
ret. dms.....lb. .1500- .1540
clarif., dms.....lb. .1296- .1338
tanks .....lb. .1256- —
foots, acid, 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dvld. E..lb. .05¾- —
refd., varnish, dms.....lb. .1368- .1408
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 Nom.
Sperm,[5] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 3.35
Sunflower semi-ref.,[5] tanks..lb. .1430- —
refined, tanks.....lb. .1468- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton. 53.65 -55.00
l.c.l., works.....ton. 58.65 -63.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[5] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns. .....lb. No stocks
Tar,[1] pine, dms., c.l., dlvd. E. cities..gal. .32¾- —
l.c.l., f.o.b. works.....gal. .29¾- —
tanks, dlvd. E. cities....gal. .27 - —
rect., USP, bbls.....gal. .90½- —
r acid (see T).
rme, NF, red, cns.....lb. 2.50 - 3.50
hite, cns. .....lb. 2.65 - 4.00
ang,[1,5] dms.....lb. .39 - —
tanks .....lb. .38¾- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Bourbon, bots.....lb. 40.00 -45.00
Whale,[5] ref., natural, dms..lb. .1187 Nom.
winter, bleach, dms.....lb. .1232 Nom.
Wheat germ, dms.....gal. 10.00 -12.50

CYCLAMAL

The Accepted Basis For Floral Perfumes

(Lily of the Valley, Lilac, etc.)

A single chemical having properties most desired by perfumers.

Great Strength

(5 times stronger than Hydroxy Citronellal with which it blends well.) Result: Economy.

PERSISTENT IN ODOR • • • • FREEDOM FROM DISCOLORATION
FREEDOM FROM IRRITATION • • • CYCLAMAL IS OF 100% PURITY

Manufactured in the U. S. A.

VERATRALDEHYDE

For That New Note You Have Been Looking For

A lasting sweet note of great value in Perfume Compounds of many types. Veratraldehyde is particularly interesting as a base for Opoponax, Heliotrope and Violet Odors.

INDOL

U. S. A. MANUFACTURED AND READILY AVAILABLE

Its great power makes it extremely economical to use, not only in the manufacture of Jasmin Odors but in many other Floral Compositions as well.

For the sake of economy, dependability and the fine results to be obtained with Indol, send for a sample and suggestions as to its use.

Requests for samples on your firm's letterhead will be promptly answered.

Aromatics Division
GENERAL DRUG COMPANY
644 Pacific St., Brooklyn 17, N. Y.

9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oil, white mineral, tech., 50-60 vis., dms., c.l..gal. .38 - —
l.c.l. .....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l. .....gal. .42 - .45
80/90 vis., dms., dm. charges not included, c.l..gal. .39 - —
l.c.l. .....gal. .45 - .48
95/105 vis., dms., c.l...gal. .44½- —
l.c.l. .....gal. .50½- .53½
125/135 vis., dms., c.l...gal. .49 - —
l.c.l. .....gal. .55 - .58
145/155 bls., dms., c.l...gal. .51 - —
l.c.l. .....gal. .57 - .60
175/185 vis., c.l.....gal. .54½- —
l.c.l. .....gal. .60½- .63½
200/210 vis., c.l.....gal. .58 - —
l.c.l. .....gal. .64 - .67
320/330 vis., c.l.....gal. .65 - —
l.c.l. .....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l. .....gal. .72 - .75
San Francisco, 55, 70 and 85 vis., ret. iron dms., 65 dms..gal. .40 - —
64-1 dms.....gal. .42 - .45
100 vis., 65 dms.....gal. .49½- —
64-1 dms.....gal. .51½- .54½
145 vis., 65 dms.....gal. .57 - —
64-1 dms.....gal. .59 - .62
185 vis., 65 dms.....gal. .60½- —
64-1 dms.....gal. .62½- .65½
340 vis., 65 dms.....gal. .72 - —
64-1 dms.....gal. .74 - .77
Wintergreen, nat., North, cns. .....lb. 6.50 - 8.50
South, cns. .....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. No prices.
Wormwood, cns.....lb. 5.00 Nom.
Ylang-ylang, Bourbon, bots..lb.40.00 -45.00
Oleostearin,[1] bbls.....lb. .7654- —

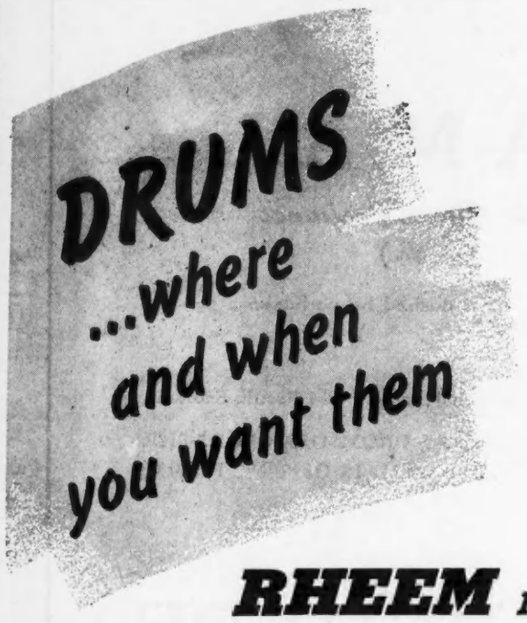
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
Olivine, lumps, same basis...ton. 7.00 - —
spalls, same basis.....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots..lb.12.00 - —
25-lb. lots .....lb.12.25 - —
smaller lots .....lb.13.50 -13.66
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroanilin toner,[1]..lb. 1.05 - —
Lake, Persian,[1] bbls. .....lb. .80 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12½- —
dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash., lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
other points .....lb. .12 - —
smaller lots, dlvd. Ala., etc..lb. .12¾- —
Ariz., etc. .....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points.....lb. .12½- —
Molybdate,[1,6] bbls.....lb. .41 - —
Orthonitroanilin toner,[1] kgs., works..lb. .80 - —
bbls. .....lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .11 - .11¼
sweet, bls.....lb. No stocks
Oregano, Mexican, curly leaf, bgs....lb. .09½- .10
flat leaf, bgs.....lb. .09 - .09½

Orris root, African, bls.....lb. .80 - .85
powd., bbls., bxs.....lb. .85 - .90
Portuguese, bls. .....lb. .45 - .46
Verona, bls. .....lb. 1.35 - 1.80
Orthoamylphenol, dms., works.lb. .25 - —
Orthoanisidin, bbls. .....lb. .70 - —
Orthochloroanilin, dms. .....lb. .60 - .70
Orthochlorophenol, dms.....lb. .82 - —
Orthocresol,[2,6] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
29.0°C, Min. M.P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms. .....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. .....lb. .09 - —
Orthophenetidin, dms. .....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls....lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots .....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.25 - 2.60
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.25
sulphate, cns.....oz. 7.10 - 7.35

Paprika,[1] Chilean, good, bgs..lb. .26 - .27
Portuguese, choice, bgs.....lb. .35½- .39
extra fancy, bgs.....lb. .37½- .38¼
good, bgs.....lb. .34 - .35
Spanish, fancy, bgs.....lb. .43 - .44
good, bgs.....lb. .36 - .37
fair, bgs.....lb. .32 - .33
Para-anisidin, dms., works....lb. .75 - —
Parachlorophenol, dms., wks..lb. .32 - —
Paracresol,[6] bbls., wks.....lb. .41 - —
Paracymene, dms., c.l., works..lb. .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .13
l.c.l., same basis.....lb. .12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —
122-124 ASTM, same basis, lb. .0520- —
125-127 ASTM, same basis, lb. .0560- —
127-129 ASTM, same basis, lb. .0585- —
128-130 ASTM, same basis, lb. .0585- —
130-133 ASTM, same basis, lb. .0615- —
132-134 ASTM, same basis, lb. .0640- —
133-137 ASTM, same basis, lb. .0715- —
140-142 ASTM, same basis, lb. .0810- —
146-148 ASTM, same basis, lb. .1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,5] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal.dms., l.c.l., works..lb. .12 - —
and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys.....lb. .35 - .45
Paranitroanilin, kgs., works..lb. .43 - .45
Paranitrochlorobenzene, k g s., works..lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, t e c h., kgs..lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works.....lb. .48 - —
Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld..lb. .20 - .25
l.c.l., same basis.....lb. .21 - .26
Passion flower herb, bls.....lb. No prices
Patchouli leaves, bls.....lb. .34 - .35
Pectin, bbls.....lb. 85 - —
Penicillin,[6] hospitals, institutions, ampules per 100,000 units. 3.20 - 4.50
for gov. purchases, ampules, per 100,000 units. 1.90 - —
Pennyroyal leaves, bls.....lb. .15 - .16
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., dlvd. lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l. .....lb. .33 - —
Tetra-acetate, bbls., dlvd....lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .07½- —
laboratory grade, dms., c.l., gal. .16 - —
l.c.l. .....gal. .29 - —
10 gal.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs...lb. .0665 Bid
50 to 100 bgs.....lb. .0705 Bid
24 bgs.....lb. .0723- .0746
red, chillies, Carolina, longs, bgs..lb. .28 - .28¼
sports, bgs.....lb. .48 - .50
Congo, bgs.....lb. .25 - .26
Louisiana, sports, bgs....lb. .48 - .50
longs, bgs.....lb. .28 - .29
Mombassa, bgs.....lb. .20½- .21
Niger, fair, bgs.....lb. .18½- .19
birdseye, bgs.....lb. .45 - .46
Sierra Leone, bgs.....lb. .22½- .23
Unganda, washed, bgs...lb. .21 - .21¼
white,[1] 15 tons, bgs.....lb. .1161 Nom.
24 bgs.....lb. .1295 Nom.
Peppermint, USP, bls.....lb. .60 - .70
import, bls.....lb. .90 Nom.
Perchloroethylene,[6] d m s., c.l., works, frt. alld., Zone 1..lb. .0782- .0800
l.c.l., same basis.....lb. .0832- .0850
Zone 2, dms., c.l., works, frt. alld..lb. .0832- .0850
l.c.l., same basis.....lb. .0882- .0900
Zone 3, dms., c.l., works, frt. equald..lb. .0882- .0900
l.c.l., same basis.....lb. .0932- .0950
Zone 4, dms., c.l., f.o.b. stock point..lb. .0882- .0900
l.c.l., same basis.....lb. .0932- .0950
Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l..lb. .021 - —
golden Topaz, bbls., c.l....lb. .032 - —
l.c.l. .....lb. .036 - —
red, veterinarian, bbls., c.l.lb. .024 - —
l.c.l. .....lb. .028 - —
USP, amber, fiber dms., c.l..lb. .03½- —
l.c.l. .....lb. .04½- —
extra amber, fib. dms., c.l..lb. .03¾- —
l.c.l. .....lb. .04¾- —
cream, c.l., fib. dms.....lb. .05 - —
l.c.l. .....lb. .06½- —
yellow, soft, fib. dms., c.l..lb. .05½- —
l.c.l. .....lb. .04½- —
white, lily, fib. dms., c.l..lb. .05¾- —
l.c.l. .....lb. .07¼- —
snow, c.l., fib. dms.....lb. .06¾- —
l.c.l. .....lb. .08 - —
soft, c.l., fib. dms.....lb. .05½- —
l.c.l. .....lb. .06½- —
Petroleum, crude, bulk, at wells, California, heavy grades..bbl. .93 - 1.01
Illinois .....bbl. 1.37 - —
Kentucky, Union County..bbl. 1.32 - 1.37
Louisiana-Arkansas .....bbl. .86 - 1.20
Oklahoma-Kansas .....bbl. .85 - 1.28
Pennsylvania .....bbl. 1.31 - 3.00
Texas, Gulf Coast.....bbl. 1.06 - 1.56
North, North-Central.....bbl. 1.01 - 1.26
West .....bbl. .70 - 1.19
Panhandle .....bbl. 1.10 - 1.23
Savannah, Ga.....bbl. 1.60 - 1.77
Wyoming .....bbl. 1.12 - —
Ether, laboratory grade, 30-60° C., dms., c.l., Group 3..gal. .18 - —
l.c.l. .....gal. .29 - —
10 gals.....gal. .55 - —
35-60° C., dms., c.l.....gal. .29 - —
10 gals.....gal. .55 - —
40-75° C., dms., c.l.....gal. .16 - —
l.c.l. .....gal. .29 - —
10 gals.....gal. .55 - —



DRUMS, when and where you want them . . . that's precisely what the Rheem nation-wide network of plants means to users of drums and other types of steel shipping containers.

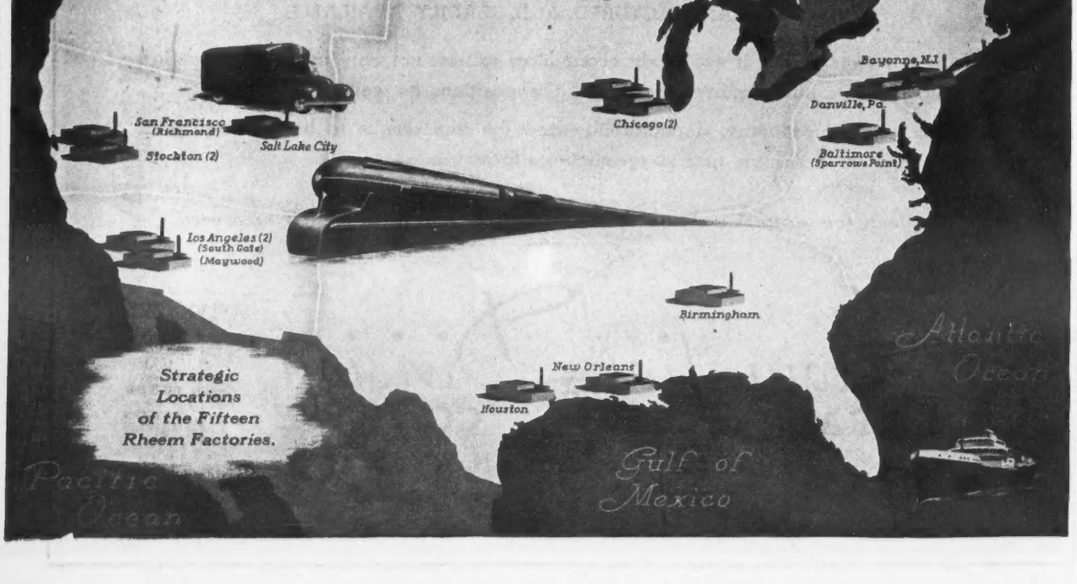
RHEEM is equipped to manufacture steel shipping containers in plants strategically located from Coast to Coast and from the Great Lakes to the Gulf.

RHEEM is ready *now* to serve your requirements of light or heavy gauge, tight head or removable head drums . . . plain or lithographed pails. Get in touch with the nearest Rheem office or plant.

RHEEM MANUFACTURING COMPANY

Executive and General Sales Offices: New York • San Francisco • Los Angeles • Washington, D. C.

Plants: Bayonne, N. J. · Birmingham, Ala. · Chicago, Ill. · Danville, Pa. · Houston, Texas · New Orleans, La. · Portland, Ore. · Salt Lake City, Utah · Sparrows Point, Md.
Maywood, Richmond, South Gate and Stockton, Calif.



Petroleum, fuel oil, furnace, tanks, at refinery:—
Arkansas, No. 1.....gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy....bbl. 1.10 - —
light .....bbl. 1.20 - —
diesel .....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3.....gal. .08½- —
Group 3, No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 6.....bbl. .85 - .90
Oklahoma, No. 2....gal. .03⅝- —
No. 5.....bbl. .90 - —
14-16 .....bbl. .97 - —
Pennsylvania, No. 1..gal. .07 - .07¼
No. 2.....gal. .07 - .0805
No. 3.....gal. .06⅞- .07⅛
36-40 gravity.....gal. .07 - .07⅛
bunker C, Baltimore, Md..bbl. 1.65 - 1.77
Boston, Mass.....bbl. 1.65 - 1.77
Charleston, Mass.....bbl. 1.60 - —
Jacksonville, Fla.....bbl. 1.60 - —
New York, N. Y.....bbl. 1.65 - 2.07
Norfolk, Va.....bbl. 1.65 - 1.77
Philadelphia, Pa.....bbl. 1.65 - —
Portland, Me.....bbl. 1.80 - —
Providence, R. I.....bbl. 1.65 - —
Savannah, Ga.....bbl. 1.65 - 1.77
Wilmington, N. C.....bbl. 1.65 - —

Lacquer diluent, at refinery:—
California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles, gal. .11 - —
Fort Wells, Wash.....gal. .12 - —
San Francisco....gal. .11½- —
Willbridge, Ore...gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11½- —
gal. .07⅞- —
Group 3, benzol type, tanks, toluol type, tanks..gal. .07⅛- .07⅛

Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-392 b.r., tanks, gal. .10½- —
198-200 b.r., tanks...gal. .10¼- —
248-397 b.r., tanks...gal. .10⅛- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East Coast, N. J., N. Y..gal. .10 - —
Group 3, tanks.....gal. .06⅛- —
tankwagon, Baltimore....gal. .12 - .13
Boston .....gal. .12 - —
Bridgeport, Conn....gal. .1630- —
Buffalo .....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Hartford .....gal. .1630- —
Kansas City, Mo.....gal. .1490- —
Lancaster, Pa.....gal. .12 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark (200 gal).....gal. .11 - —
New York (200 gal.)....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .120 - —
Providence .....gal. .13 - —
Rochester .....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Washington, D. C.....gal. .13 - —
Wilmington, Del.....gal. .13 - —

Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07⅛- —
tankwagons, Newark....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
St. Louis.....gal. .1470- —
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J..gal. .21½- —
No. 2, over 90% arom., same basis..gal. .21½- —
No. 3, same basis.....gal. .22½- —
No. 8, tanks, same basis, gal. .228 - —
No. 80, tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .223 - —
No. 40, tanks, Wilmington, Cal..gal. .13½- —

V.M.&P., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11¼- —
Willbridge, Ore., Pt. 54-77, 310 l.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1520- —
Newark (200 gal)... .gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —

Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .25½- —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07⅛- .07⅛

Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06⅝- —
Pennsylvania, western, tanks..gal. .07⅛- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Xylol solvent. See Xylol petroleum solvent.

Phenobarbital, 5-lb. cns.....lb. 3.60 - 3.70
dms.. 100 lbs.....lb. 3.50 - —

Phenol,[8,9] 80-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10⅝- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09⅜- .10¼
l.c.l., same basis.....lb. .10⅛- .10⅝
tanks, same basis.. .....lb. .08⅝- .09¼
USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —

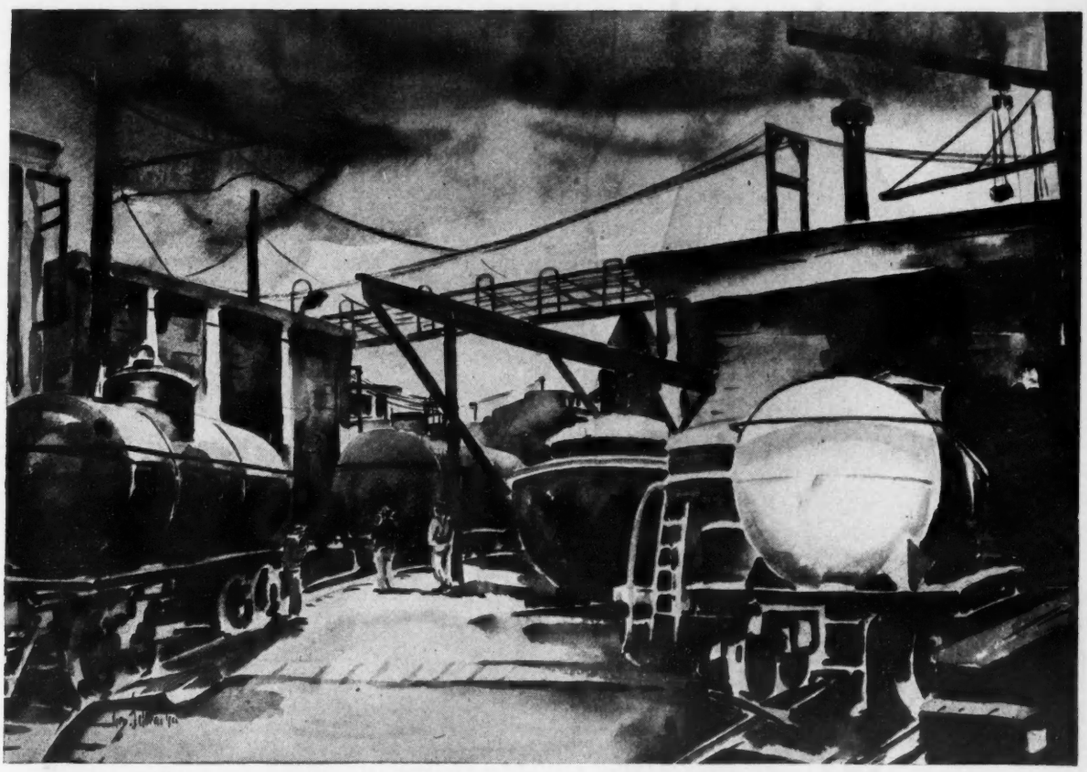
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .92
yellow, fib. dms., 2,000 lbs...lb. .80 - —
smaller lots.....lb. .82 - .87

Phenothiazin, fib. dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut.. bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 2.45 - 3.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.00
Phenylhydrazin, base, CP, bots.lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs.. works....lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb.13.75 -14.75
tech., fib. dms.....lb.12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate rock,[1,3] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l., long ton. 2.20 - —
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.60 - —
72%-70% b.p.l. M.P.R. 240 provisions, same basis..long ton. 3.20 - —
75%-74% b p.l., M.P.R. 240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
80%, P_2O_5 minimum, short ton. 2.90 - —
31%, P_2O_5 minimum.. short ton. 3.10 - —
78%, basis 32% P_2O_5 minimum..short ton. 3.45 - —

Phosphate rock, Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.00 - —
72%-70% b.p.l., 5½% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30%, P_2O_5, same basis..... short ton. 4.85 - —
31%, P_2O_5, same basis. .. short ton. 4.95 - —
32%, P_2O_5, same basis..... short ton. 5.20 - —
33%, P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
Yellow, dms.....lb. .25 - —
cs. .....lb. .28 - .35
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .08 - .09½
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 3.00 - —
Pilocarpine hydrochloride, USP, bots., vis..oz. 3.90 - 5.35
Nitrate, bots., vis.....oz. 3.80 - 5.15

Pimento,[1] Jamaica, bgs.....lb. .21 - .21½
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.90 - 2.00
Piperazine hexahydrate, bots..lb.16.00 - —
Pitch, burgundy (see B).
Coaltar,[3] 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l., works.....ton.22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works..lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns. .....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09⅝- —
l.c.l., works.....lb. .09⅝- .10
Potash bichromate in bgs., ¼c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .23 - .32
Carbonate, calc., bbls., c.l., works..lb. .06¼- —
l.c.l., same basis.....lb. .06¾- —

For a New Era...



Niagara Alkali Company's plant at Niagara Falls, N. Y. is modern, efficient and adaptable to the changing demands of both war and peacetime production.

A THIRD of a century of pioneering experience in the manufacture of electro-chemical products has enabled Niagara Alkali to adjust and expand quickly and efficiently to the vast demands of war. And this same experience will serve in good stead when the time comes to apply the new war-inspired uses for these products to the expanding needs of the coming post-war era. In your plans for tomorrow you can rely on the proven quality of Niagara products and the skillful cooperation of Niagara's technical and research service.

Niagara ALKALI COMPANY

60 EAST 42nd STREET, NEW YORK 17, N. Y.

CAUSTIC POTASH • CAUSTIC SODA • PARADICHLOROBENZENE • CARBONATE OF POTASH • LIQUID CHLORINE

Potash carbonated, hydrated, 88-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .06¾- —
USP, gran., bbls., dms.....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .08½- .08¾
tanks .....lb. .02¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06¾- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- .11¾
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, cryst., tech., 98%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .33¾
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Manure salt, dom.,[4] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —

Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Potash metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[4] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[6] offered from consignments afloat, subject to safe arrivals..unit-ton. .53¾- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .3[illegible]
Perchlorate,[6] kgs., works....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Prussiate, red, bbls., dms..lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l.....ton.290.00 - —
l.c.l .....100 lbs.15.25 - —
solution 40° Be, ret. drums, c.l., works..100 lbs. 4.25 - —

Potash silicate, solut. 20° Be, ret. dms., l.c.l., 5 or more, works..100 lbs. 5.00 - —
100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works, 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works, 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, powd., bbls...lb. .15 - .21
Prices on granular 4c. higher.
tech., dom., bulk,[4] basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports..ton.86.25 - —
Potash sulphocyanide, NF, dms., lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[4] min., 40%, K_2SO_4, 18.50% MgO, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Berries, bgs.....lb. .23 - .25
Prickly ash bark, bls.....lb. .40 Nom.
Prince's pine herb, bls.....lb. .45 - .50
Procaine hydrochloride, cns., 25 lbs..lb. 8.00 - —
smaller lots.....lb. 8.25 - 8.75
Propane,[4] industrial grade, tanks, Group 3, gal. .03¾- —
Propyleneglycol, dms., c.l., frt. alld, in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).

Pulsatilla, bls.....lb. .73 - .75
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice packed in barrels 1c. per lb. higher than the above prices.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1,6] concentrate, de-waxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports, long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis....ton.13.00 - —
No. 5, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton.11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —
translucent pastels, cs., works, lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .10 - .15
Quebracho extract,[6] solid, 68%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04¾- .05¼
clarified, 64%, bgs., c.l., same basis..lb. .05¾- .05¾
dissolved, 35% tan., bbls., works..lb. .04125- .0350
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
..c.l., bgs.....lb. .0825- .0950
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09¼- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net)..flask.105.00 -110.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.08 + .13½*
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

* Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13½*
Acetate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenite, cns., 100 ozs..... 1.07 + .13½
Bisulphite, USP, cns., 100 ozs..oz. .69 + .13½
Citrate, cns., 100 ozs.....oz. .78 + .13½
Dihydrobromide, bots., 50 ozs. oz. .86 + .13½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13½
Ferrocyanide, cns., 100 ozs..oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.90 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydroiodide, cns., 100 ozs..oz. 1.05 + .13½
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs., oz. .90 + .13½
Salicylate, NF, cns., 100 ozs., oz. .79 + .13½
Sulphate, USP, cns., 100 ozs.oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13½
Valerate, NF IV, 100 ozs...oz. .99 + .13½

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.
cns..oz. .81 + .13½*
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .34½- .50
Quinine-urea hydrochloride,[6] USP,

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.25 - 1.30
Red, alizarin lake,[3] bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph: 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.

● They had no water, no food. Yet they drifted 44 days in a lifeboat and lived to tell this story.

One thing saved them—a little can. What was in it?

An old friend of yours — beer! There were 960 cans of beer in the boat. It slaked their thirst and kept them alive.

You'll find American beer wherever you find U.S. troops overseas, from the Arctic to the jungle. Much of it's packed in cans that protect it from light and breakage. That's why *you* can't get beer in cans.

But, someday, you'll get your favorite beer with true brewery flavor in your favorite container—the easy-to-open Cap Sealed Can. And it may be even better than today's fine brews. Don't think the brewing industry is standing still, either.

To do our war job, we've developed new ideas and new skills, too. That's why as we look ahead, we see *new and better things in Continental cans.*

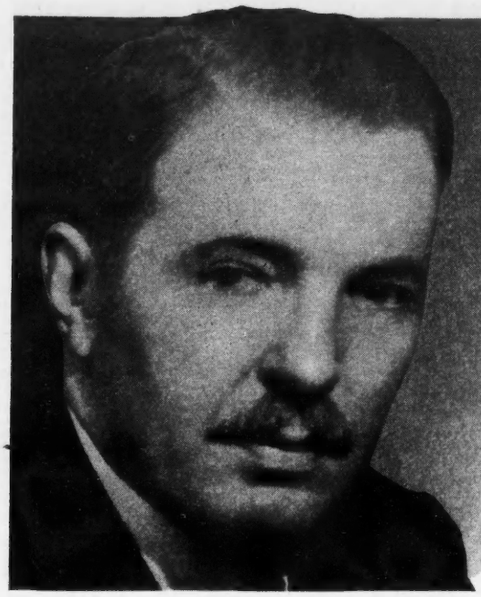
POST-WAR PLANNING: We'll be glad to discuss future uses or improvements of your product or package and help in your post-war planning. Write Post-War Planning Dept., 100 E. 42nd Street, N.Y.C., or Continental Can Company of Canada, Limited, Montreal.

CONTINENTAL CAN COMPANY

NEW AND BETTER THINGS IN CONTINENTAL CANS

Awarded to Plant 78, Chicago • Illinois

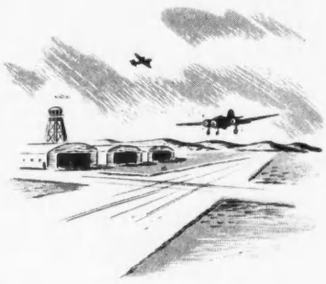
SAVE TIN CANS—HELP CAN THE AXIS!



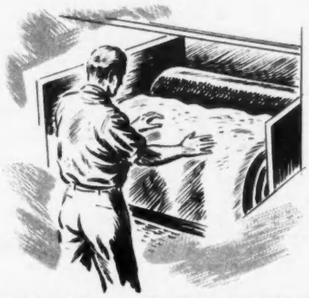
Hidden assets for a thousand products

"From just one basic source, Hercules Powder Company has extracted a whole series of specialized products widely used in paints, varnishes, lacquers, soaps, insecticides, electrical insulators, linoleum, ink, plastics, detergents, adhesives, cement, rubber, paper coating. Only by long years of painstaking research has Hercules been able to develop the complex field of terpene and rosin chemicals."

DAVID DIETZ, *Science Editor of Scripps-Howard Newspapers, Author, Pulitzer Prize Winner*

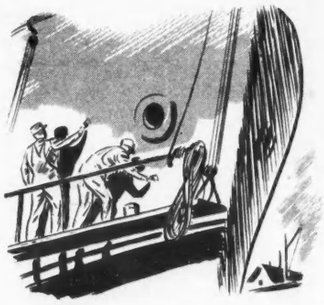


EXTRA STAMINA FOR CONCRETE. Vinsol* resin helps keep concrete surfaces smooth and long-wearing. Interground with cement, it enables concrete to withstand scaling and corrosion due to frost and thaw and the action of ice-removing agents.



STRETCHING RUBBER SUPPLIES is one of Hercules' contributions toward rubber conservation. Solvenol* is used as a penetrant, softener, and swelling agent in the reclaiming of scrap rubber. It is now under allocation for this war task.

CLOSE SHAVE FOR PIGS. In packing plants, pigs are coated with a special resin, Brisgo*. When the Brisgo, applied hot, has cooled and congealed, it is peeled off like a banana skin and with it comes every hair and all the stubble.



RESIN AGAINST THE SEA. Pentalyn* resin permits use of domestic linseed instead of unobtainable foreign oils in making the tough, salt-water-resistant protective coatings essential to our ship-building program. Makes *more* paint with *less* critical materials.

HERCULES

TERPENE AND ROSIN CHEMICALS

offer answers to material problems in many industries

HERCULES POWDER COMPANY
INCORPORATED
936 MARKET STREET, WILMINGTON 99, DELAWARE

*Reg. U. S. Pat. Off.

NI-43A

Red, cadmium, selenide, dark, bbls., works..lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red)
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works..lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
Indian, 80-85%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls., c.l., l.c.l., bbls.....lb. .09¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .09
Lacquer, maroon, bbls., works, lb. 1.25 - —
Lake C toner, alizarin, bbls., wor...lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol - rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[2] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works, lb. .55 - —
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. 0220- —
10%, bbls., works.....lb. 0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,[2] NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls, lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .11 - .12
Rhubarb, whole, cs.....lb. .85 - 2.50
powd., bbls.....lb. .95 - 2.60
Riboflavin, bots., 100 grams..kilo. 280.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option, lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .4½ - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls....lb. .09 - .09½
Spanish, bls.....lb. .13¾- .14½

Rosin, gum:—
B, dms., c.l.....100 lbs. 5.26 - —
D, dms., c.l.....100 lbs. 5.55 - —
E, dms., c.l.....100 lbs. 6.00 - —
F, dms., c.l.....100 lbs. 6.03 - —
G, dms., c.l.....100 lbs. 6.04 - —
H, dms., c.l.....100 lbs. 6.05 - —
I, dms., c.l.....100 lbs. 6.05 - —
K, dms., c.l.....100 lbs. 6.05 - —
M, dms., c.l.....100 lbs. 6.05 - —
N, dms., c.l.....100 lbs. 6.41 - —
W.G., dms., c.l.....100 lbs. 6.68 - —
W.W., dms., c.l.....100 lbs. 6.75 - —
X, dms., c.l.....100 lbs. 6.75 - —
Wood, F.F., dms., c.l...100 lbs. 3.78 - 3.98
Rotenone,[1,6] CP, bbls., works, lb. 10.90 - —
extract, liq., dms., works, per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines..ton. 25.50 - —
l.c.l., same basis.....ton. 37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls....lb. .30 - .32
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb. 44.00 Nom.
Safrol cns.....lb. 1.35 - 1.50
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .82 - .85
leucophylla, July-Aug., bgs., Pacific Coast..lb. .55 - .56
Cyprus, good, bls.....lb. .19 - .19½
fair, bls.....lb. .16½- .17
Spanish, bls.....lb. .19 - .19½
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .98
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton. 14.20 - —
l.c.l., bgs.....ton. 17.00 - 18.00
vacuum, common, fine, bgs., c.l..ton. 15.70 - —
l.c.l.....ton. 19.40 - 23.20
Saltcake, dom., bulk, works..ton. 15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons..... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo. 200.00 - 210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .19½- .20
Sassafras bark, ord., bls.....lb. .38 - .40
select, bls.....lb. .65 - .70
Savory, Spanish, bls.....lb. .30 - .31
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs...1 ship't..lb. .34¼- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. 1.00 - 1.05
Senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16¾
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .13 - .16
Serpentaria root, bls.....lb. .85 - .90
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston.....lb. .43¼- —
Chicago.....lb. .44 - —
Pacific coast.....lb. .46 - —

Shellac, bonedry, refined, bbls., 1,500 lbs..lb. .48½- —
Boston.....lb. .49½- —
Chicago.....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2), bbls., 1c. more; (3), kgs., 3c. more.
D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3990- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works, ton. 17.00 - —
l.c.l., same basis....ton. 20.00 - —
400 mesh, bgs., c.l., same basis..ton. 18.00 - —
l.c.l., same basis....ton. 19.00 - 20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton. 18.00 - —
l.c.l., same basis....ton. 21.00 - —
400 mesh, bgs., c.l., same basis..ton. 30.60 - —
l.c.l., same basis....ton. 35.00 - 38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton. 20.00 - —
l.c.l., same basis....ton. 21.50 - 23.00
99%, 325 mesh, bgs., c.l., same basis..ton. 20.00 - —
l.c.l., same basis....ton. 22.00 - 25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton. 15.50 - —
l.c.l., same basis....ton. 18.50 - —
140 mesh, bgs., c.l., same basis..ton. 11.00 - —
l.c.l., same basis....ton. 16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44¾- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44¾- —
Cyanide, cns., 100 cases...oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Nucleinate, bots., dms.....oz. .308 - .358
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .56
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton. 11.00 - 12.00
l.c.l., works.....ton. 12.00 - 13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .06 - .08
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .40 - .42
Soapbark, bls.....lb. .11¾- .12¾
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .1" - .18
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
l.c.l., dlvd.....lb. .05½- .06
NF, bbls., dlvd.....lb. .09½- .10
Alginate, refined, bbls., works, soluble..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works, 100 lbs. 7.00 - —
l.c.l.....100 lbs. 7.50 - 8.00
Antimonate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
Soda ash, extra light, 58%, bgs., c.l..100 lbs. 1.13 - —
l.c.l., dlvd. zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., dlvd. zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash sales zones are:—(1) All States E. of Miss R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga., Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 98°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.
Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .43
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l., works.....100 lbs. 1.55 - —
l.c.l.....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l.....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l.....100 lbs. 2.51 - —
kgs., c.l., works.....100 lbs. 2.10 - —
l.c.l.....100 lbs. 2.76 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07¾- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., c.l., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., wks..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs. lb. .28 - .31
Cacodylate, 5-lb. bots., works, lb. 17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.... 100 lbs. 1.95 - —
70%, buyers' tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate,[6,7] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09¼
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms.....lb. .19½- .23½
USP XII, gran., bbls.....lb. .24 - —
dms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms.....lb. .25½- .29½
Cyanide,[2] 96-98%, dms....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10¼
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms.....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis..100 lbs. 2.50 - —
pea, bgs., c.l., works...100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate,[6] anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30

Drymet Reg. U. S. Pat. Off.

Anhydrous Sodium Metasilicate. Cowles DRYMET is the most highly concentrated, most economical form of sodium metasilicate available. DRYMET contains no water. Yields nearly twice the chemical strength of hydrated sodium metasilicate at a substantial saving. Completely soluble, non-caking, easy to handle.

Crystamet Reg. U. S. Pat. Off.

Pentahydrate Sodium Metasilicate Cowles CRYSTAMET is an exceptionally pure, perfectly white granular sodium metasilicate with the normal 42% water of crystallization. Excellent solubility, uniformity, chemical stability.

Make Cowles Your Source of SILICATE!

Dryorth Reg. U. S. Pat. Off.

Technically Anhydrous Sodium Orthosilicate. Cowles DRYORTH is a high pH detergent silicate with valuable peptizing, emulsifying, dirt-suspending power. Recommended for heavy duty detergency requiring high Na_2O value.

BUY MORE WAR BONDS

7016 Euclid Avenue **THE COWLES DETERGENT CO.** Cleveland 3, Ohio

Soda metasilicate, gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.50
Molybdate,[9] nhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[9] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis..ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons..100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald..lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .10 - —
Perborate,[9] NF, bbls., c.l., works..lb. .14¾- —
l.c.l.. works.....lb. .15¼- —
Peroxide,[9] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[9] dibasic, tech., anhyd., bgs., c.l., works.....100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.30
cryst., bgs., c.l., works..100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. 10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l.. works.....100 lbs. 8.00 - 9.00
tribasic,[9] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10½
spot .....lb. .10¾- —
bbls., contract, works....lb. .10 - .10½
spot .....lb. .11 - —
Pyrophosphate,[9] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.28 - 6.10
l.c.l.. same basis...100 lbs. 5.40 - 6.60
bbls., c.l., wks., frt. equald. 100 lbs. 5.45 - 6.30
l.c.l., same basis...100 lbs. 5.60 - 6.60
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - -
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .23 - .25
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.12.00 - —
42° dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[9] bbls., c.l., works, lb. .06½- .07
l.c.l., same basis.....lb. .08 - .12
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works. 100 lbs. 1.95 - 2.15
less than 5 tons, works. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, m e n o hydrate, dms., 1,000-lb. lots...lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[9] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[9] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha. to 2c. per gal..gal. .27 - —
Sorbitol,[9] com'l, dms., works..lb. .17¾- —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .19 - —
100-40,000 lbs., works...lb. .19¼- .19½
less than 100 lbs., works. lb. .23 - —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .45 - .47
Spikenard root, bls.....lb. .35 - .37

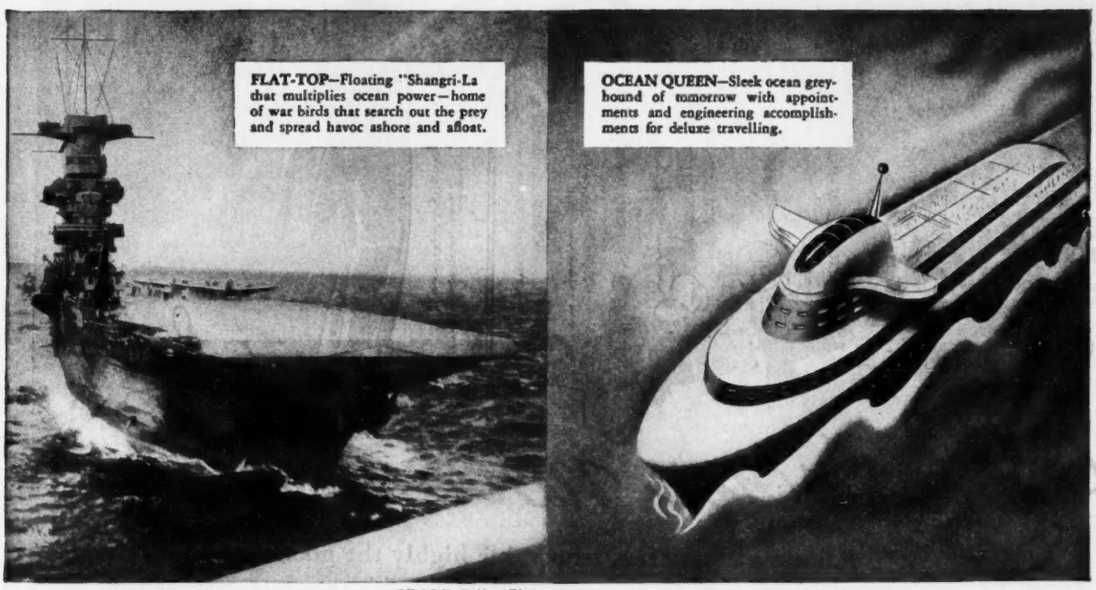
Spruce extract, liq., reg., bbls., c.l., works..lb. .02¾- —
tanks, works.....lb. .01¾- —
pwd., super, bxs., c.l., wks.lb. .04½- —
Squawvine, bls.....lb. No prices
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .15 - .16
Starch, corn, pearl, bgs.100 lbs. 4.06 - —
Chicago .....100 lbs. 3.72 - —
Starch, corn, powd., bgs..100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0634- —
l.c.l. .....lb. .079 - —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .28
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., 92% min., air-floated, 300 mesh, c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —

Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -57.00
Strophanthus seed, Komba, bgs. lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs. oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs. oz. .88 - —
powd., c..s., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.00
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate, prices same as sulphathiazole
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.45
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15

Sulphur, precipitated, USP, bbls., kgs..lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works..... 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, commi. cyls., works..lb. .07 - .08
multi-unit cars, works..lb. .04*- .06
tanks, works.....lb. .04 - —
refrigeration, cyls, works, lb. .18 - .21
multi-unit cars, works..lb. .04½- .06
Iodide, bots., jars..... .....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $5.05 per ton.

SOLVAY*

...KEYED TO TODAY AND TOMORROW!



FLAT-TOP—Floating "Shangri-La that multiplies ocean power—home of war birds that search out the prey and spread havoc ashore and afloat.

OCEAN QUEEN—Sleek ocean greyhound of tomorrow with appointments and engineering accomplishments for deluxe travelling.

Official U. S. Navy Photo

Today . . . Solvay Alkalies are all mobilized for Victory Production! They are a vital, basic factor in the construction of war materiel. Caustic Soda, Soda Ash and many other vital and related products are now being supplied from three strategically located plants. Established in 1881, Solvay is America's largest producer of alkalies.

Tomorrow . . . Solvay products will contribute immeasurably to chemical achievements that will enrich the world of tomorrow. Drawing upon its extensive resources, broad and varied experience and continuous research, Solvay will produce the finest alkalies. As in the past, its resources of technical knowledge and services will be available to industry.

SOLVAY
TRADE MARK REG. U. S. PAT. OFF.

*The Solvay Process Company employs salt, limestone and ammonia to make Soda Ash, from which basic material Caustic Soda and other alkalies are derived.

SODA ASH • CAUSTIC SODA
AMMONIUM CHLORIDE • CAUSTIC POTASH
MODIFIED SODAS • AMMONIUM BICARBONATE
SODIUM NITRITE • PARA-DICHLOROBENZENE
CALCIUM CHLORIDE • CHLORINE • SALT
POTASSIUM CARBONATE

SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 RECTOR STREET NEW YORK 6, N. Y.
BRANCH SALES OFFICES:
Boston • Charlotte • Chicago • Cincinnati • Cleveland • Detroit
New Orleans • New York • Philadelphia • Pittsburgh • St. Louis • Syracuse

Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c., per unit-ton higher.

Superphosphate, triple 40% and more a.p.a., bulk, producing points, Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —

Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

T

Talc, dom., aluminum-flake type, grd., bgs., c.l., works, ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs.. c.l., works.ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 13.50
l.c.l., works.....ton.12.00 14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
imp., Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,5] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
50% (48% fat), dms., c.l...lb. .07¾- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .14 - .15
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.52 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 ▲ .10
10-11% ammon., 15% b.p.l., bulk, Chicago .unit-ton. 4.00 ▲ .10
Tapioca flour,[1,5] Brazil, bgs...lb. .06½- .07¼
Java, bgs.....lb. No stocks
Tar acid oil,[2,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- —
25%, dms., c.l., works..gal. .30 -
l.c.l., works.....lb. .32 -
Pine, retort, dms., c.l., divd. East..gal. .32¾- —
l.c.l., works.....gal. .29¾- —
tanks, divd. East.....gal. .27 - —
Tara, powd.....ton.125.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .54
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms..lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .55 - .56
Terpinyl acetate, extra cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.00
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 -
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .06 - .08¼
Tetrachlorethylene, N.F., VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrailin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99%, bots., works. lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo.180.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .86 - .87
Spanish, bls.....lb. .18½- .19
Thymol, cns.....lb. 2.40 - 2.75
Iodide, bots.....lb. 3.88 - 4.10
dms.....lb. 3.40 - 3.80
Tikitiki (see Rice bran).
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .55 - —
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,5] chalk resistant, bgs., c.l., divd..lb. .15 - —
l.c.l., 5 tons one deliv., divd..lb. .15¼- —
smaller lots, divd.....lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., divd. E..lb. .16½- —
l.c.l., 5 tons one deliv., divd..lb. 16¾- —
smaller lots divd.... lb 17 - 17¼
Titanium dioxide, plain,[5] bgs., c.l., divd..lb. .14½- —
l.c.l., 5 tons one delivery, divd..lb. .14¾- —
smaller lots, divd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,5] bgs., c.l., divd..lb. .05¾- —
l.c.l., divd.....lb. .06 - —
calcium base,[1,5] bgs., c.l., divd..lb. .05½- —
l.c.l., divd.....lb. .05¾- —
calcium-rutile base,[1,5] bgs., c.l., divd..lb. .05½- —
l.c.l., divd.....lb. .05¾- —
magnesium base,[1,5] bgs., c.l., divd..lb. .05¾- —
l.c.l., divd.....lb. .06 - —
Titanium dioxide and pigment in bbls.¾c. higher; Pac. cst., ¼c. higher, c.l., divd., l.c.l., ex whse.
Tetrachloride, CP, dms., works, 55-gal..lb. .57 - —
smaller pkgs., works....lb. .65 - 1.25
technical, 55-gal. dms., works, lb .32 - —
smaller pkgs., works....lb .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
mixed, dms.....lb. .26 - —
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West, Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 30% bark and vine, bbls.lb. .90 - .95
Tonka beans, Angostura, cks..lb. 2.50 - 2.80
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., oz. .52 - —
Triacetin, dms., works.....lb. .30 - —
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works, lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., divd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethylene,[6] dms., c.l., works, Zone 1, frt. alld....lb. .09 - —
Zone 2, same basis....lb. .09½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —

Trichlorethylene l.c.l. prices, ½c. higher. Zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., divd.....lb. .37½- —
l.c.l., divd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., divd.....lb. .25 - .31
l.c.l., divd.....lb. .25½- .31½
tanks, divd.....lb. .24 - .30
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., divd., lb. .85 - —
l.c.l., divd.....lb. .90 - —
Triphenyl phosphate,[3] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works, ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,4] (see Derris root).
Tungsten metal, powd.,[3] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs...lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .86¾- .87½
sulphate-wood, dms., c.l....gal. .65 - .75
tanks .....gal. .57 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist.,[1] ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium[6] oxide, black bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import. oure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
Fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton.112.80- —
usual Atla. and Gulf ports, NH_3 ton.116.80- —

C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Uva ursi leaves, bls.....lb. .22 - .23

V

Valerian root, NF, bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb.10.00 Nom.
Mexican, cuts, tins.....lb.10.00 - —
whole, tins.....lb.11.00 - —
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75

No "sour" note here—

Paint manufacturers who value highly the good reputation of their products, select raw materials with as great care as the maestro of a great orchestra selects his musicians. That is why TITANOX pigments are to be found in so many white and tinted coatings. They never produce a "sour" note. They are reliable.

For example, they are compatible with all types of vehicles, chemically stable and non-reactive. They contribute maximum opacity, whiteness and brightness. They are easy to work with. To the finished paint "symphony" they give exceptional color stability and high resistance to cracking, flaking, checking and peeling. They make for easy brushing.

No wonder that TITANOX pigments are on universal paint programs!

TITANOX
REG. U.S. PAT. OFF.

Our Paint Service Department offers cooperation in respect to all white pigment problems.

TITANIUM PIGMENT CORPORATION, *Sole Sales Agent*
111 Broadway, New York 6, N.Y. • 104 So. Michigan Ave., Chicago 3, Ill.
350 Townsend St., San Francisco 7, Cal. • 2472 Enterprise St., Los Angeles 21, Cal.

TITANOX
TRADE MARK

Vanillin, makers, primary distrib., tins, ex guaiacol or lignin tins, 25 lbs. or more, lb. 2.35 - —
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,* cnys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .45 - .55
Wattlebark, E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers: account... ton.50.00 - —
Wattlebark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account.. per ton.50.00 -55.00
Wattlebark, extract liquid, 35% tannin bbls., works..lb. .05 - .06
tanks .....lb. .0450- .05
solid, So. Afr., 62% tannin, ex dock..lb. .0535- .0560
E. Afr., 61% tannin, ex dock, lb. .05225- .05475
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works.lb. .14¼- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots.....lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .44¾- —
unbleachable, bgs., ton, lb. .41½- —
ref'd, USP, bricks, bgs., ton. lb. .53½- —
disc., bgs., tons.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
Candelilla,[1] crude, bgs., ton..lb. .34½- —
smaller lots.....lb. .35½- .44½
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Paris white, bgs., c.l..ton.24.00 -28.00
Carnauba,[1] chalky, No. 3, bgs., ton. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country No. 2, bgs., ton. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¾- —
smaller lots.....lb. .84¼- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82¼- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89
carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .45½- .51¾
smaller lots.....lb. .50½- .61¾
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .73
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[3] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00

—*Continued on page 55*

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abietate in Current Market Quotations)
Amberol, phenol* formaldehyde type, F-7, extra light, bbls., c.l., works..lb. .15 - —
l.c.l., same basis....lb. .15½- .16
light, bbls., c.l., same basis lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
F-7, dark, bbls., c.l., same basis lb. .14 - —
l.c.l., same basis....lb. .14½- .15
F-77, bbls., c.l., works...lb. .13½- —
l.c.l., same basis....lb. .19 - .19½
F-71, light, bbls., c.l., works lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
K-12-A, bbls., c.l., works.lb. .15½- —
l.c.l., same basis....lb. .16 - .16½
105-F, A-105-F, bbls., c.l., works..lb. .13 - —
l.c.l., same basis....lb. .13½- .14
B/S-1, extra light, bbls., c.l., works..lb. .13½- —
l.c.l., same basis....lb. .14 - .14½
light, bbls., c.l., same basis lb. .13 - —
l.c.l., same basis....lb. .13½- .14
dark, bbls., c.l., same basis lb. .12½- —
l.c.l., same basis....lb. .13 - .13½
M-82, bbls., c.l., works..lb. .14 - —
l.c.l., same basis....lb. .14½- .15
M-86, bbls., c.l., works..lb. .15 - —
l.c.l., same basis....lb. .15½- .16
M-88, bbls., c.l., works..lb. .15½- —
l.c.l., same basis....lb. .16 - .16½
M-93, bbls., c.l., works...lb. .16½- —
l.c.l., same basis....lb. .17 - .17½
226, bbls., c.l., works....lb. .22½- —
l.c.l., same basis....lb. .23 - .23½
ST-137, bbls., c.l., works.lb. .33 - —
l.c.l., same basis....lb. .33½- .34
ST-137X, bbls., c.l., works. lb. .32 - —
l.c.l., same basis....lb. .32½- .33
rosin maleic type, 800, extra light and light, bbls., c.l., works..lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
801, extra light and light, and 801F, bbls., c.l.lb. .15 - —
l.c.l., same basis....lb. .15½- .16
806P, bbls., c.l., works...lb. .15¼- —
l.c.l., same basis....lb. .16 - .16½
Amberol, 808, bbls., c.l., works, lb. .16½- —
l.c.l., same basis....lb. .17 - .17½
925, bbls., c.l., works....lb. .13½- —
l.c.l., same basis....lb. .14 - .14½
926, bbls., c.l., works....lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
750, bbls., c.l., works....lb. .27 - —
l.c.l., same basis....lb. .27½- .28
Aroclors, distilled, dms., c.l. works..lb. .18 - —
ton lots, works.....lb. .18½- —
single dms., works.....lb. .19 - —
undistilled, dms., c.l., works.lb. .15½- —
ton lots, works.....lb. .16 - —
single dms., works.....lb. .16½- —

B

Bakelite, 100% paraphenyl phenol resin, pale, non-heat hardening BR-254, dms., ton, works..lb. .33 - —
single dm. and less, works..lb. .35½- .36
100% pale, non-heat hardening, BR-9432, dms., ton, works..lb. .31 - —
single dm. and less, works..lb. .31½- .34
BR-4036, dms., ton, works. lb. .37 - —
single dm. and less, works..lb. .37½- .40
BR-17700, non-ret. bbls., ton, works..lb. .32½- —
single dm. and less..lb. .33 - .35½
dark, non-heat hardening, BR-1329, dms., ton, works. lb. .29 - —
single dm. and less, works..lb. .29½- .32
BR-9434, non-ret. bbls., ton, works..lb. .25½- —
single dm. and less, works..lb. .26 - .28½
BR-9476, dms., ton, works. lb. .29 - —
Bakelite, dark, non-heat hardening, BR-9476, single dm. and less, works..lb. .29½- .32
pale, heat-hardening, BR-3360, dms., ton..lb. .36 - —
single dm. and less, works..lb. .36½- .39
BR-14634, dms., ton, works. lb. .30 - —
single dm. and less, works..lb. .30½- .33
BR-10282, dms., ton, works. lb. .32 - —
single dm. and less, works..lb. .32½- .35
oil-modified, BR-302, dms., ton, works..lb. .346 - —
single dm. and less, works..lb. .351 - .376
BR-2175 (MTO), dms., ton, works..lb. .38 - —
single dm. and less, works..lb. .38½- .41
resin-baking types, BV-1600, dms., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
BV-8066 (MTO), dms., ton, works..lb. .20 - —
single dm. and less, works..lb. .20½- .23
BV-10673, ret. dms., dm. charges not included, ton, works..lb. .35 - —
single dm. and less, works..lb. .35½- .38
phenolic resins, BK-3962-X, dms.,, ton works..lb. .277 - —
single dm. and less..lb. .282 - .307
XK-16700, dms., ton, works. lb. .27 - —
single dm. and less..lb. .27½- .30
resin modified, BR-2072, non-, ret. bbls., ton, works..lb. .23 - —
single dm. and less, works. lb. .23½- .26

The Best Possible Reason

Peace or war, ST. JOE Lead-Free ZINC OXIDES are being used by leading manufacturers in the rubber, paint and allied industries for this reason: The precise characteristics which consumers requirements indicate as being most desirable for their respective products, can be readily imparted to our various grades. This is due to the flexibility of our patented Electro-Thermic Process by means of which St. Joe Zinc Oxides are produced direct from ores originating in the New York State mines of the St. Joseph Lead Company.

ST. JOSEPH LEAD COMPANY

250 PARK AVE., NEW YORK, 17, N. Y.

MADE BY THE LARGEST PRODUCER OF LEAD IN THE UNITED STATES

Bakelite, phenolic resins, BR-2963, dms., ton, works....lb. .22 - —
single dm. and less, works. lb. .22½- .25
BR-11504, dms., ton, werks. lb. .18 - —
single dm. and less.....lb. .18½- .21
BR-11544, dms., ton, works. lb. .18 - —
single dm. and less.....lb. .18½- .21
non-phenolic, XK-16624 dms., ton, works..lb. .22½- —
single dm. and less..lb. .23 - .25½
XV-16607 (MTO), dms., ton, works..lb. .212 - —
single dm. and less..lb. .217 - .242
phenolic lacquer resins and solutions, XR-3180, dms., ton, works..lb. .45 - —
single dm. and less..lb. .45½- .48

Bakelite, phenolic lacquer resins and solut., XR-4357, dms., ton, works..lb. .45 - —
single dm. and less..lb. .45½- .46
XJ-10433, dms., ton, works. lb. .37 - —
single dm. and less..lb. .37½- .40
BR-9366, dms., ton, works. lb. .18½- —
single dm. and less..lb. .19 - .21½
100% phenolic, rosin reactive, XR-15775, ret. dms., dm. charges included, ton, works..lb. .33½- —
single dm. and less..lb. .34 - .36½
XR-15778, ret. dms., dm. charges included, ton, works..lb. .50 - —
single dm. and less..lb. .50½- .53
glycerine reactive, BR-10025, dms., ton, works..lb. .28 - —
single dm. and less..lb. .28½- .31

Bakelite, C-9 resins, solid types, BR-13202, dms., ton, works. lb. .15 - —
single dm. and less..lb. .15½- .16
liquid types, BR-14590, dms., ton, works..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15780, dms., ton, works. lb. .34 - —
single dm. and less..lb. .34½- .37
BR-16640, dms., ton, works. lb. .34 - —
single dm. and less..lb. .34½- .37
XJ-15408, dms., ton, works. lb. .24 - —
single dm. and less..lb. .24½- .27
lacquer types, XJ-16580, dms., ton, works..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15840, dms., ton, works. lb. .34 - —
single dm. and less..lb. .34½- .37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum charges prepaid to destination in the United States on shipments of standard drum quantities or multiples thereof, with the exception of those to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming, deliveries to which cost 1c. per lb. more.

Made-to-order materials marked (MTO) are those which are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

Beckacite, 1100 M-K, 1112-WG-N, c.l..lb. .14 - —
l.c.l., same basis.....lb. .14½- .15
1102, M-K, c.l.....lb. .12 - —
l.c.l., same basis.....lb. .12½- .13
1116, K-1, 1123 M-K, c.l., same basis..lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
1124, M-K; P-306, M-K, c.l. lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
P-405, N-K, c.l.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
P-406, M-I, c.l.....lb. .13 - —
l.c.l., same basis.....lb. .13½- .14
1110, N-M, c.l.....lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
IIII WG-N, No. 1120, M-K, l.c. lb. .15 - —
l.c.l., same basis.....lb. .15½- .16
Beckamine, P-2, works, c.l....lb. .11½- —
l.c.l., same basis.....lb. .12 - .12½
P-138, works, c.l.....lb. .22 - —
l.c.l., same basis.....lb. .22½- .23
P-196, c.l.....lb. .26 - —
l.c.l., same basis.....lb. .26½- .27
P-198, accelerator, works, c.l. lb. .28 - —
l.c.l., same basis.....lb. .28½- .29
P-354, works, c.l.....lb. .20½- —
l.c.l., same basis.....lb. .21 - .21½
P-364, works, c.l.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
Beckopol, 1400 M-K, c.l.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
Beckosol, solid, No. 18, 4-5 (80% M.S.), c.l..lb. .26 - —
l.c.l., same basis.....lb. .27 - .28
No. 24, 4-5L (80% toluol), c.l. lb. .33 - —
l.c.l., same basis.....lb. .34 - .35
No. 36, 4-5 (60% toluol), c.l. lb. .38 - —
l.c.l., same basis.....lb. .39 - .40

C
Cumar resin, AX, non-ret. drums. lb. .06¼- —
BX .....lb. .06¼- —
CX, net weight.....lb. .061 - —
DX, gross weight.....lb. .05¼- —
EX, gross weight.....lb. .05¼- —
FX, gross weight.....lb. .05¾- —
MH, col. 1.....lb. .11¾- —
1½-2 .....lb. .10¾- —
2½-3½ .....lb. .09¾- —
9 .....lb. .06½- —
MS .....lb. .10¾- —
P 10°-90° C., col. 2½ and darker, lb. .10¾- —
RH .....lb. .10¾- —
RS .....lb. .10¾- —
V col. ½.....lb. .12¾- —
1 .....lb. .11¾- —
1½-2 .....lb. .10¾- —
2½ and darker.....lb. .09¾- —

Cumar resin, W col. ½.....lb. .13½- —
1 .....lb. .12½- —
1½-2 .....lb. .11½- —
2½ and darker.....lb. .10¼- —
All "P" grades with melting point below 50 degrees centigrade, and grades AX, BX and CX are shipped in steel drums, with the three last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D
Durite, 1801, pale, one drum and over..lb. .29 - —
smaller lots.....lb. .30 - —
Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E
Esterol, alkyd solution, A, dms., c.l., dlvd..lb. .15½- —
l.c.l. .....lb. .16 - .16½
B, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
E, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .16½- .17
H-1, c.l., dlvd.....lb. .19 - —
l.c.l. .....lb. .19½- —
PV, c.l., dlvd.....lb. .16¾- —
l.c.l. .....lb. .17¼- —
11, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .16½- —
22, c.l., dlvd.....lb. .13 - —
l.c.l. .....lb. .13½- —
22-B, c.l., dlvd.....lb. .10½- —
l.c.l. .....lb. .11 - —
33, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - —
44, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
44B, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .15½- .16
55, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - .16½
562, c.l., dlvd.....lb. .16½- —
l.c.l. .....lb. .17 - —
640-N, c.l., dlvd.....lb. .15½- —
l.c.l. .....lb. .16 - —
660-N, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- —
750, any quantity, dlvd.....lb. .15 - —
830, c.l., dlvd.....lb. .17 - —
l.c.l. .....lb. .17½- .18
1800, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
1825, c.l., dlvd.....lb. .17½- —
l.c.l. .....lb. .18 - .18½
2185, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
2195, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .16½- .17
2600, c.l., dlvd.....lb. .18 - —
l.c.l. .....lb. .18½- —
2633, c.l., dlvd.....lb. .14½- —
l.c.l. .....lb. .15 - —
2728, c.l., dlvd.....lb. .16 - —
l.c.l. .....lb. .16 - .17
2775-BS, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
4040, c.l., dlvd.....lb. .15 - —
l.c.l. .....lb. .15¼- .16

F
Flexalyn solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1.....lb. .1222- —
l.c.l., 10 dms., same basis..lb. .1297- —
single dms., same basis..lb. .1447- —
smaller lots, same basis..lb. .1947- —
C solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1147- —
10 dms., same basis.....lb. .1222- —
single dms., same basis...lb. .1372- —
smaller lots, same basis...lb. .1872- —

G
G, resin, dms., gross weight, works..lb. .08 - —
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs, works.. lb. .40 - —
5,000 to 29,999 lbs., same basis..lb. .41 - —
200 to 4,999 lbs., same basis. lb. .44 - —
up to 199 lbs., same basis..lb. .57 - —
No. 202, 30,000 lbs., works..lb. .48 - —
5,000 to 29,999 lbs., same basis..lb. .49 - —
200 to 4,999 lbs., same basis. lb. .53 - —
up to 199 lbs., same basis..lb. .68 - —
No. 203, 30,000 lbs., works...lb. .52 - —
5,000 to 29,999 lbs., same basis..lb. .53 - —
200 to 4,999 lbs., same basis. lb. .57 - —
up to 199 lbs.. same basis..lb. .74 - —
Guai-a-phene, dms. (dm. deposit $6.00), works..gal. 2.47 - —
4 gals. or multiples, glass jars, 4 jars in each paper carton, works..gal. 2.62 - —
1-3 gals., cns., works....gal. 2.82 - —

H
Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.

J
Jozite (see zinc-iron oxide pigment in regular list above).

K
Kadox (zinc oxide), East of Pacific Coast:—
Nos. 15, 17 and 72, bgs., c.l., dlvd. .....lb. .07¼- —
Nos. 15, 17 and 72, bbls., c.l., dlvd. .....lb. .07½- —
l.c.l., bgs., dlvd.....lb. .07½- —
bbls., dlvd.....lb. .07¾- —
No. 25, bgs., c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c.l., bgs., dlvd.....lb. .08¾- —
l.c.l., bbls., dlvd.....lb. .09 - —
Pacific Coast prices ½c. per lb. higher; l.c.l. prices ex warehouse.
Kopol, 500, esterfied, D-B, c.l..lb. .22 - —
l.c.l. .....lb. .22½- .23
501, fused, c.l.....lb. .20 - —
l.c.l. .....lb. .20½- .21

L
Lewisol resin, 2 L, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
l.c.l., 10 dms., same basis..lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller lots, same basis...lb. .22½- —
28, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .16½- —
10 dms., same basis.....lb. .17 - —
1 dm., same basis.....lb. .17½- —
smaller lots, same basis....lb. .22½- —

Durez RESIN NEWS

Durez 525 Resin

Durez 525 is a pure phenolic oil-soluble resin which has wide application in industrial and architectural finishes. The resin is outstanding for imparting flexibility, toughness, gloss, and durability, both to air drying and baking type coatings.

The resin is recommended for producing highly durable varnishes, chemically resistant and anti-corrosive primers, structural steel, ship, and industrial coatings. When modified with ester gum or hard resin such as a modified phenolic, it produces high-gloss, tough, elastic, and durable varnishes and enamels.

Durez 525 Resin, although insoluble in drying oil and mineral thinners when cold, readily becomes soluble when heated with the oil. Varnishes using a large percentage of oil can be thinned with straight mineral spirits, turpentine, or hydrogenated naphtha. The resin is soluble in coal tar hydrocarbons, alcohol, and lacquer solvents.

Army Specification No. 3-167

Formula V-50521 has been in use for a number of years as a specification finish, filling requirements of the Army's No. 3-167 varnish for ammunition boxes. Both material and performance requirements are met with this tung-linseed oil combination with Durez resins. A modification of the tung oil formula is also available which uses a combination of dehydrated castor oil and oiticica oil. The resin portion is made up of Durez 220 and 525 Resins. All the requirements of the regular No. 3-167 specification are passed by this new formula which is known as V-51013.

Thermosetting Wood Finish

All the many desirable properties of the conventional phenol-aldehyde thermosetting resin film can now be secured in a wood finish which can be cured at temperatures in the range of 140°F. to 170°F. The finish is extremely hard, tough, and mar-resistant. The baked film is insoluble and infusible and will resist all commonly used solvents. It is resistant to oil, grease, wax, moisture, and mild acids and alkalies. The resin which forms the base for the thermosetting finish is known as Durez 50824.

Linseed-Durez 209 Resin

Durez 209, the lowest priced Durez coating resin, when combined with straight bodied linseed oil in 20- and 30-gallon-length varnishes gives fast tack-free dries, pale colored films, good flexibility, and water resistance. Dehydrated castor oil, when used in place of linseed oil, gives appreciably greater flexibility, paler varnishes and films, and also better water resistance.

Generally, the best balance of properties in the varnish is obtained by heating all the oil, either linseed or dehydrated castor, with one pound of Durez 209 Resin for each gallon of oil. This is taken to 585-595°F. and held for a good string from the spade, at which point the balance of the resin is added. The Durez 209 Resin, being soluble, disperses quickly and gives clear, smooth varnishes. Typical formulations using this procedure are V-50998 and V-51000.

For samples or further information on above Durez resins, write to . . .

DUREZ PLASTICS & CHEMICALS, INC.
139 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

You can use these **PHENOLIC** **resins** (PURE AND MODIFIED)

With few exceptions, pure and modified phenolic resins are now available. These resins may be obtained for many civilian end uses, although application still must be made through Washington, under M-246.

Especially suggested for current use are:

AROCHEM	**365**	For use with soft oils; for quick bodying and drying.
"	**335**	Similar to 365 in performance, but used where non-yellowing is of importance.
"	**90**	For unusual water and alkali resistance and color retention.
AROFENE	**700**	A general purpose pure phenolic resin of the "heat-reactive" type.
"	**776**	A "non-heat-reactive" pure phenolic.

The Complete Resin Line: **"S & W" ESTER GUM** — all types • **CONGO GUM** — raw, fused and esterified • **AROPLAZ** — alkyds and allied materials • **AROFENE** — pure phenolics • **AROCHEM** — modified types • **NATURAL RESINS** — all standard grades

U.S.I INDUSTRIAL CHEMICALS, INC.
60 EAST 42ND ST., NEW YORK 17, N. Y. — CHEMICALS, RESINS, ANTI, USI SERVICE TO INDUSTRY, SOLVENTS, ALCOHOLS, FREEZE — BRANCHES IN ALL PRINCIPAL CITIES

Lewisol resin, 83, non-returnable fiber dms., c.l., f.o.b. cars, destination, Zone 1..lb. .16½- —

Lewisol resin prices are f.o.b. cars, New England States, Middle Atlantic States, Va., W.Va., N.C., Ky., Ohio, Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo. Cost of non-returnable dms. is included in the price in each instance.

M

Metronite pigment, 120 and 180 mesh, containers extra, c.l., f.o.b. Milwaukee..ton.10.00 - —
l.c.l., same basis.....ton.14.00 - —
250 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.50 - —
325 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.20.00 - —
400 mesh, containers extra, c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.22.50 - —

N

Neo-fat drying oil, 170, dms., c.l., dlvd..lb. .14¾- —
190, dms., c.l., dlvd.....lb. .18¾- —
290, dms., c.l., dlvd.....lb. .20¾- —
fatty acid, 3R, dms., c.l., dlvd..lb. .13¼- —
17, dms., c.l., dlvd.....lb. .12¾- —
19, dms., c.l., dlvd.....lb. .16¾- —

Neo-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums in all instances are returnable.

Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works..lb. .19 - —
hard, color 2-½-4, melting point 85-95°C., same basis..lb. .17 - —
soft, color, 2-½-4, melting point 65-75°C., same basis..lb. .17 - —
10 C, color ½-4, same basis..lb. .24 - —
LX-483 same basis.....lb. .23 - —
OA, same basis.....lb. .45 - —

Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13½- —
R-3, nevindene, col. 1, dms., works..lb. .12½- —
R-5, nevindene, col. 1½-2, dms., works..lb. .11½- —
R-6 nevindene, col. 2½-3½, dms., works..lb. .10½- —
R-7, N.P.S., col. below 3, dms., works..lb. .12¾- —
R-9, hard, col. ½, dms., works..lb. .12¾- —
R-10, hard, col. 1, dms., works..lb. .11¾- —
R-11, hard, col. 1½-2, dms., works..lb. .10¾- —
R-12, hard, col. 2½-3½, dms., works..lb. .09¾- —
R-13, medium, col. ½, dms., works..lb. .12¾- —
R-14, medium, col. 1, dms., works..lb. .11¾- —
R-15, medium, col. 1½-2, dms., works..lb. .10¾- —
R-16, medium, col. 2½-4, dms., works..lb. .09¾- —
R-16A, medium, col. 7-10, dms., works..lb. .08½- —
R-17, medium, soft, col. 3½-8, dms., works..lb. .10¾- —
R-19, medium soft, col. 3½-8, dms., works..lb. .10¾- —
R-21, soft, col. 3½-8, dms., works..lb. .10¾- —
R-22, special, soft, col. 3½-8, dms., works..lb. .10¾- —

Neville resin, R-27, medium soft, col. 1, dms., works..lb. .13¾- —
R-28, medium soft, col. 1½-2, dms., works..lb .12¾- —
R-29, medium soft, col. 2½-8, dms., works..lb. .10¾- —
R-33, R-34, color 10-15, dms., works..lb. .0625- —
R-35, color 10-15, dms., gross weight, works..lb. .0575- —
465, 110-125° C., dms., gross weight, Pittsburgh..lb. .08½- —

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevtex, 10, returnable dms., works..lb. .08 - —
90, returnable dms., works..lb. .20 - —

Nuba, 1, 80-95° C., dms., gross weight, works..lb. .0290- —
2, 100-125° C., dms., gross weight, works..lb. .0290- —
3x, 135-150° C., dms., gross weight, works..lb. .04½- —

Nuodex drier, cobalt, 6%, 400-lb. pkgs, works..lb. .31½- —
10½%, 100-lb. pkgs.....lb. .32 - —
iron, 6%, 400-lb. pkg.....lb. .15½- —
10%, 100-lb. pkgs.....lb. .22½- —
Lead, 24%, 450-lb. pkgs...lb. .14½- .15½
32%, 450-lb. pkgs.....lb. .18¾- —
34%, 100-lb. pkgs.....lb. .19½- —
40%, 100-lb. pkgs.....lb. .23 - —
Lead, 28%, cobalt, 2.8%, 150-lb. pkgs..lb. .30 - —
Lead, 28%, manganese, 2.8%, 150-lb. pkgs..lb. .23½- —
manganese, 6%, 400-lb. pkgs., lb. .16¾- —
10½%, 100-lb. pkgs.....lb. .27½- —
Zinc, 8%, 400-lb. pkgs.....lb. .16½- —
10%, 400-lb. pkgs.....lb. .19¾- —
12%, 100-lb. pkgs.....lb. .23 - —

All prices are dlvd.. east of Denver.

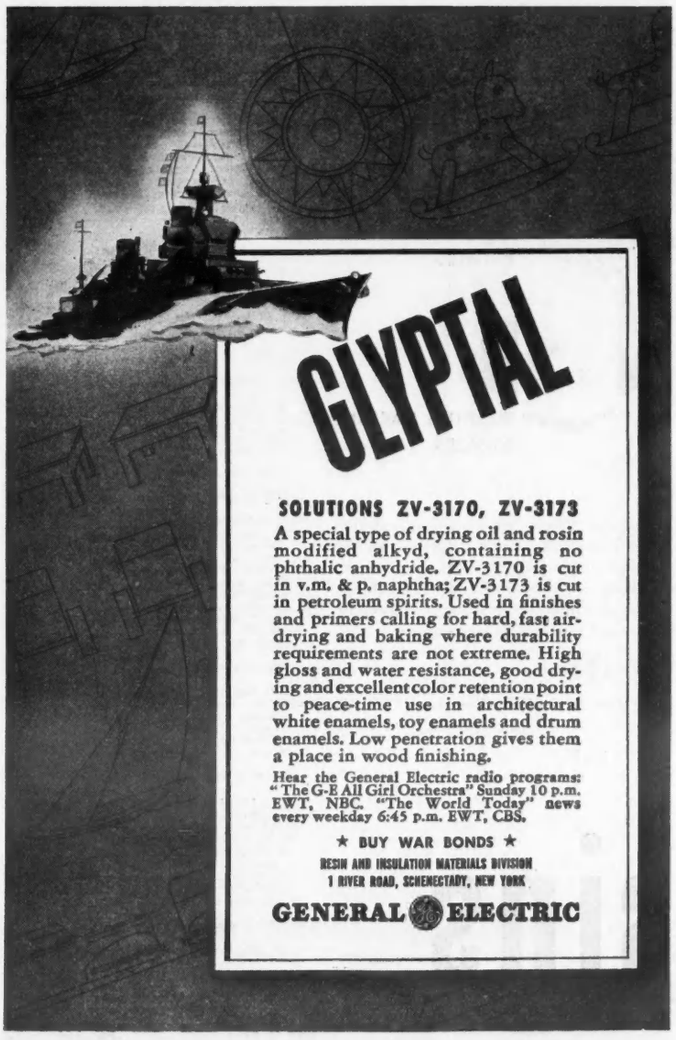
P

Paradene, No. 1, 75-99° C., dms., gross wt., works..lb. .05¼- —
2, 100-124° C., dms., gross wt., works..lb. .05¼- —

Paradene prices are freight equalized with Philadelphia, Pa.

Paradura, AV, 300-lb. bbls., c.l., dlvd..lb. .28 - —
l.c.l. .....lb. .29 - .30
C, c.l., dlvd.....lb. .33 - —
l.c.l. .....lb. .34 - .35
10-P, c.l., dlvd.....lb. .35 - —
l.c.l. .....lb. .36 - .37
46, c.l., dlvd.....lb. .22½- —
l.c.l. .....lb. .23 - .23½
273, c.l., dlvd.....lb. .23 - —
l.c.l. .....lb. .24 - .25
367, c.l., dlvd.....lb. .35 - —
l.c.l. .....lb. .36 - .37
540, c.l., dlvd.....lb. .35 - —
l.c.l. .....lb. .36 - .97

Paranol resin, extra hard, No. 1, 300-lb. bbls., c.l., dlvd..lb. .15 - —
l.c.l. .....lb. .15½- .16
Extra hard, No. 2, c.l., dlvd.lb. .14 - —
l.c.l. .....lb. .14½- .15
Hard, No. 1, c.l., dlvd.....lb. .13½- —
l.c.l. .....lb. .14 - —
No. 3, c.l., dlvd.....lb. .12½- —
l.c.l. .....lb. .13 - .13½
25, c.l., dlvd.....lb. .12½- —
l.c.l. .....lb. .13 - .13½


GLYPTAL
SOLUTIONS ZV-3170, ZV-3173
A special type of drying oil and rosin modified alkyd, containing no phthalic anhydride. ZV-3170 is cut in v.m. & p. naphtha; ZV-3173 is cut in petroleum spirits. Used in finishes and primers calling for hard, fast air-drying and baking where durability requirements are not extreme. High gloss and water resistance, good drying and excellent color retention point to peace-time use in architectural white enamels, toy enamels and drum enamels. Low penetration gives them a place in wood finishing.
Hear the General Electric radio programs: "The G-E All Girl Orchestra" Sunday 10 p.m. EWT, NBC. "The World Today" news every weekday 6:45 p.m. EWT, CBS.
★ BUY WAR BONDS ★
RESIN AND INSULATION MATERIALS DIVISION
1 RIVER ROAD, SCHENECTADY, NEW YORK
GENERAL ELECTRIC

- CAN STABILITY
- PERFECT LEAFING
- FLEXIBILITY
- ADHESION
- TOUGHNESS

WITH

VELSICOL AF-3 RESIN

For Aluminum Baking Vehicles

AF-3, a neutral resin, now off allocation, assures can stability to your aluminum paints and imparts perfect leafing in short and long oil vehicles. This important basic component contributes excellent adhesion to metals in low bakes (250° F. for one hour) combined with maximum hardness and flexibility of film.

For aluminum finishes of outstanding decorative appeal and quality use VELSICOL AF-3 based vehicles.

Further information concerning formulations etc., upon request.

VELSICOL *Corporation*

GENERAL OFFICES: 120 EAST PEARSON STREET, CHICAGO

VELSICOL

PLANT: MARSHALL, ILLINOIS

Paranol resin, 25, light, c.l., divd.		
lb.	.12 -	—
l.c.l. lb.	.13½-	—
54-B, c.l., divd. lb.	.16½-	—
l.c.l. lb.	.17 -	—
100, c.l., divd. lb.	.17 -	—
l.c.l. lb.	.17½-	.18
105-B, c.l., divd. lb.	.13 -	—
l.c.l. lb.	.13½-	.14
200, c.l., divd. lb.	.17½-	—
l.c.l. lb.	.18 -	.18½
500, hard, c.l., divd. lb.	.14½-	—
l.c.l. lb.	.15 -	.15½
extra hard, c.l., divd. lb.	.17 -	—
l.c.l. lb.	.17½-	.18
800, extra light, c.l., divd. lb.	.15 -	—
l.c.l. lb.	.15½-	.16
800, dark, c.l., divd. lb.	.14 -	—
l.c.l. lb.	.14½-	.15
850, c.l., divd. lb.	.15 -	—
l.c.l. lb.	.15½-	.16
1600, c.l., divd. lb.	.14½-	—
l.c.l. lb.	.15 -	.15½
1700, c.l., divd. lb.	.16 -	—
l.c.l. lb.	.16½-	.17
1750, c.l., divd. lb.	.15 -	—
l.c.l. lb.	.15½-	—
1855, c.l., divd. lb.	.13 -	—
l.c.l. lb.	.13½-	—
3046-C, c.l., divd. lb.	.22½-	—
l.c.l. lb.	.23 -	.23½
3101, c.l., divd. lb.	.15¾-	—
l.c.l. lb.	.16¼-	.16¾
3645, c.l., divd. lb.	.15 -	—
l.c.l. lb.	.15½-	.16
Pentalyn A, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb.	.13 -	—
l.c.l., 10 dms., same basis, lb.	.13½-	—
single dms., same basis..lb.	.14 -	—
smaller lots, same basis..lb.	.19 -	—
Pentalyn G, non-returnable fiber dms., c.l., f.o.b. cars, destination, Zone 1..lb.	.14½-	—
l.c.l., 10 dms., same basis..lb.	.15 -	—
single dms., same basis..lb.	.15½-	—
smaller lots, same basis..lb.	.20½-	—
P.H.O., dms., works..lb.	.24 -	—
Phencondensol V-120, non-ret. dms., divd.,c.l..lb.	.14½-	—
l.c.l., same basis.....lb.	.15 -	—
Piccolyte resins, S-10, S-25, S-40, bulk, net wt., f.o.b. Clairton, Pa., c.l..lb.	.15 -	—
l.c.l. lb.	.15½-	—
S-55, S-70, same basis, c.l.lb.	.16 -	—
l.c.l. lb.	.16½-	—
S-85, S-100, same basis, c.l.lb.	.17 -	—
l.c.l. lb.	.17½-	—
S-115, same basis, c.l.....lb.	.18 -	—
l.c.l. lb.	.18½-	—
Piccoumaron resins,[3] 420, 420-S, bulk, gross wt., f.o.b. Clairton, Pa., frt. equald..lb.	.09 -	—
420-T, same basis.....lb.	.0675-	—
422-R, 423-R, 425-R, 427-R, bulk, net wt., same basis.lb.	.1075-	—
430, 435, bulk, gross wt., same basis..lb.	.045 -	—
440-T, same basis.....lb.	.0625-	—
450, 450-H and 450-S, same basis..lb.	.09 -	—
450-EH, same basis.....lb.	.0975-	—
460-T, same basis.....lb.	.0575-	—
XX-25, XX-40, bulk, net wt., same basis..lb.	.0625-	—
XX-55, bulk, gross wt., same basis..lb.	.0575-	—
XX-70, XX-100, same basis.lb.	.0525-	—
XX-115, same basis.....lb.	.0575-	—
T-115, same basis.....lb.	.0725-	—
70%, 420-S Sol., ret. dms., net wt..lb.	.075 -	—
Plastopal, R-80, ret. dms., divd., c.l..lb.	.12½-	—
l.c.l., same basis.....lb.	.13 -	.14
Pliolite, powder, ton lots, works. lb.	.66 -	—
dm. lots, same basis.....lb.	.69 -	—
less dm. lots, same basis.lb.	.74 -	—
milled, ton lots, works.....lb.	.75 -	—
dm. lots, same basis....lb.	.79 -	—
less dm. lots, same basis.lb.	.84 -	—
Piyophen, solution, 5000, c.l., works..lb.	.18 -	—
l.c.l., same basis.....lb.	.18½-	.19
5010, c.l., same basis.....lb.	.18½-	—
l.c.l., same basis.....lb.	.19 -	.19½
5011, c.l., same basis.....lb.	.17¼-	—
l.c.l., same basis.....lb.	.18 -	.18½
5012, 5013, c.l., same basis..lb.	.13 -	—
l.c.l., same basis.....lb.	.13½-	.14
5014, c.l., same basis.....lb.	.14½-	—
l.c.l., same basis.....lb.	.15 -	.15½

R

Resinous oil, No. XI, returnable dms., works..lb.	.0160-	—

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations)		
Staybelite ester, No. 1, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb.	.17½-	—
10 dms., same basis.....lb.	.18¼-	—
1 dm., same basis.....lb.	.19¼-	—
smaller lots, same basis....lb.	.24½-	—
No. 2, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb.	.1824-	—
No. 3, returnable black iron dms, c.l., f.o.b. cars, destination, zone 1..lb.	.1974-	—
10 dms., same basis.....lb.	.2049-	—
1 dm., same basis.....lb.	.2149-	—
smaller lots, same basis....lb.	.2649-	—
No. 10, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb.	.14½-	—
Staybelite ester, No. 10, 10 dms., same basis..lb.	.14¾-	—
1 dm., same basis.....lb.	.15 -	—
smaller lots, same basis....lb.	.20 -	—
Super-Beckacite, RM-254, 1001, 1020, c.l..lb.	.33 -	—
l.c.l., same basis.....lb.	.33½-	.34
1003, F.E., c.l.....lb.	.31 -	—
l.c.l., same basis.....lb.	.31½-	.32
2000, M-K, c.l.....lb.	.27 -	—
l.c.l., same basis.....lb.	.27½-	.28
2667, E-D, c.l.....lb.	.23 -	—
l.c.l., same basis.....lb.	.23½-	.24
3011, c.l.....lb.	.31½-	—
l.c.l. lb.	.32 -	.32½

V

Vanadiset resin, divd. Balto-Washington area, 26-140 tons, shpt..ton.	32.40	-35.40
1-25 tons, shpt.....ton.	51.40	-63.00
under 1 ton, shpt.....ton.	83.00	- —
Canada, Windsor to Montreal, 26-140 tons, shpt..ton.	35.60	-38.60
1-25 tons, shpt.....ton.	54.00	-66.00
under 1 ton, shpt.....ton.	86.00	- —
Greater N. Y., North. N. J., Conn., 26-140 tons, shpt... ton.	31.00	-34.00
1-25 tons, shpt.....ton.	48.00	-60.00
under 1 ton, shpt.....ton.	80.00	- —
Ill., Ky., Tenn., Carolinas, Georgia, Missouri, 26-140, tons, shpt..ton.	36.00	-39.00
1-25 tons, shpt.....ton.	55.00	-67.80
under 1 ton, shpt.....ton.	87.80	- —
Iowa, Wis., Minn., Florida, Alabama, Mississippi, 26-140 tons, shpt..ton.	36.00	-39.00
1-25 tons, shpt.....ton.	56.00	-68.80
under 1 ton, shpt.....ton.	88.80	- —
Louisiana, Arkansas, Oklahoma, Texas, Colorado, Nebraska, Kansas, Dakotas, 26-140 tons, shpt..ton.	41.00	-43.00
1-25 tons, shpt.....ton.	60.00	-80.00
under 1 ton, shpt.....ton.	90.00	- —
New England (except Conn.), 26-140 tons, shpt..ton.	32.40	-35.40
1-25 tons, shpt.....ton.	53.00	-62.80
under 1 ton, shpt.....ton.	82.00	- —
N. Y. State, Penna. (W. of Harrisburg), Western Maryland, 26-140 tons, shpt... ton.	32.00	-35.00
1-25 tons, shpt.....ton.	53.00	-65.80
under 1 ton, shpt.....ton.	85.80	- —
Ohio, Mich., Ind., W. Va., 26-140 tons, shpt..ton.	33.60	-36.60
1-25 tons, shpt.....ton.	54.00	-64.00
under 1 ton, shpt.....ton.	84.00	- —
Pac. Coast, Ariz., New Mex., Utah, Nev., Idaho, Mont., Wyoming and Canada (except Windsor to Montreal), 26-140 tons, shpt..ton.	51.00	-54.00
1-25 tons, shpt.....ton.	70.00	-82.00
under 1 ton, shpt.....ton.	94.00	- —
Southern New Jersey, East. Pa., Del., 26-140 tons, shpt..ton.	31.00	-34.00
1-25 tons, shpt.....ton.	50.00	-62.00
under 1 ton, shpt.....ton.	82.00	- —

Vanadiset prices are subject to a 3 percent tax on transportation.

Vinylseal adhesive solutions, vinylite resin AYAB, 69-72% by weight, solution in acetone, A-70, drum lots, f.o.b. South Charleston, W. Va... gal.	2.75	- —
less than drum lots, same basis..gal.	3.00	- —
AYAF, 35% by weight, solution in acetone, A-35, drum lots, same basis..gal.	2.10	- —
less than drum lots, same basis..gal.	2.50	- —
modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T 24-9, 20-drum lots, same basis..gal.	2.00	- —
drum lots, same basis....gal.	2.25	- —
less than drum lots, same basis..gal.	2.50	- —
25% by weight, solution in 82% methyl acetate, MA 25-14, 20-drum lots, same basis. gal.	2.15	- —
drum lots, same basis...gal.	2.40	- —
less drum lots.....gal.	2.65	- —

All "Vinylseal" containers, except 1-gal. size are returnable. Extra charge of 40c for 1-gal. containers; 55-gal. drums are valued at $5 each.

Vinylite resins, vinyl chloride-acetate, VYLF, VYHH, VYNW, VYNU, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va..lb.	.38	- —
10,000 to 29,999 lbs., same basis..lb.	.39	- —
200 to 9,999 lbs., same basis. lb.	.40	- —
1 to 199 lbs., same basis.lb.	.56	- —
VYNS, c.l. (30,000 lbs.), paper bags, same basis..lb.	.50	- —
10,000 to 29,999 lbs., same basis..lb.	.51	- —
200 to 9,999 lbs., same basis. lb.	.52	- —
1 to 199 lbs., same basis..lb.	.68	- —
modified vinyl chloride-acetate, VMCH, powdered, c.l. (30,000 lbs.), paper bags, same basis..lb.	.47	- —
10,000 to 29,999 lbs., same lb.	.48	- —
200 to 9,999 lbs., same basis. basis..lb.	.49	- —
1 to 199 lbs., same basis..lb.	.65	- —
vinyl acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only), f.o.b. cars South Charleston, W. Va., freight paid to destination E. of Mississippi river, c.l. (30,000 lbs.).....lb.	.40	- —
2,000 to 29,999 lbs., same basis..lb.	.43	- —
200 to 1,999 lbs, same basis. lb.	.45	- —
1 to 199 lbs., same basis.lb.	.60	- —
chloride resins, QYNA, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars South Charleston, W. Va.lb.	.38	- —
10,000 to 29,999 lbs., same basis..lb.	.39	- —
200 to 9,999 lbs., same basis, lb.	.40	- —
1 to 199 lbs., same basis..lb.	.56	- —
vinyl butyral resins, XYHL, XYHM, XYNC, granular, 96 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l..lb.	.82	- —
10,000 to 29,999 lbs., same basis..lb.	.83	- —
200 to 9,999 lbs., same basis. lb.	.84	- —
1 to 199 lbs., same basis.lb.	1.00	- —

Z

Zinlac, orange or white, 50-gal. bbls..gal.	1.[illegible]	- —
kits (5 gals.).....gal.	1.85	- —
jugs (1 gal.).....gal.	1.90	- —

BAKELITE

TRADE-MARK

Drying time of coatings can be greatly accelerated, and resistance to subsequent lacquer coatings greatly improved by the addition of BAKELITE dispersion resin XK-16624. Containing but small quantities of critical materials, this new resin is available for essential civilian uses, as well as government requirements, for high-quality, high-speed finishes. Coatings based on BAKELITE resin XK-16624 dry hard within 4 to 15 minutes, depending on the formulation and methods of application. Lacquer top coats will not cause these primers to lift when applied 10 minutes, 6 hours, or 24 hours later.

Coatings based on BAKELITE dispersion resin XK-16624 will serve a wide range of applications, such as automotive and steel railroad car primers, machinery coatings, food can exterior coatings, and ordnance ammunition primers. They can be formulated, as well, into durable coatings for farm implements, household appliances, and the broad field of product finishing.

Write Department 19 for additional information on BAKELITE dispersion resin XK-16624 and for formula suggestions.

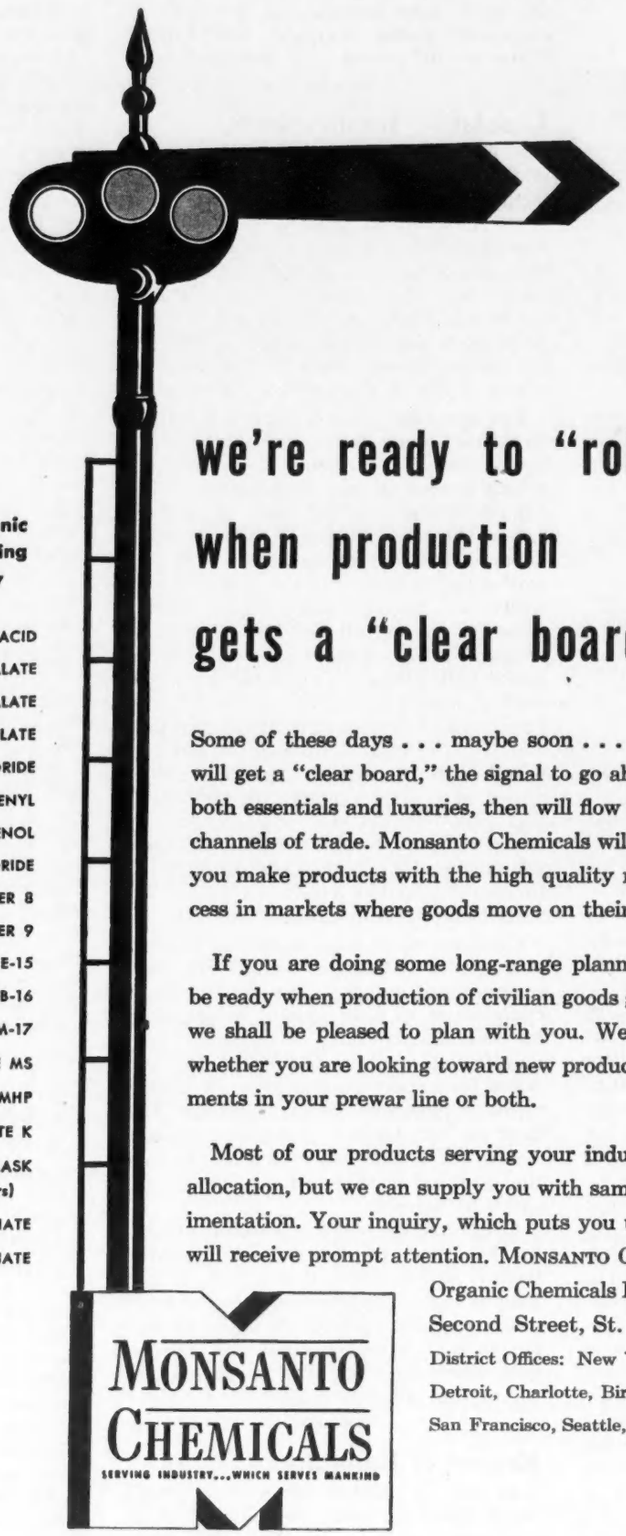
TRADE MARK

BAKELITE CORPORATION, 30 E. 42 St., New York 17, N.Y.

Unit of Union Carbide and Carbon Corporation

UCC

Coating Resins



we're ready to "roll" when production gets a "clear board"

Monsanto Organic Chemicals Serving Your Industry

BENZOIC ACID
DIBUTYL PHTHALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE
MALEIC ANHYDRIDE
ORTHO-NITRODIPHENYL
PHENOL
PHTHALIC ANHYDRIDE
SANTICIZER 8
SANTICIZER 9
SANTICIZER E-15
SANTICIZER B-16
SANTICIZER M-17
SANTOLITE MS
SANTOLITE MHP
SANTOLITE K
SANTOMASK (Masking Odors)
TRICRESYL PHOSPHATE
TRIPHENYL PHOSPHATE

Some of these days . . . maybe soon . . . non-war production will get a "clear board," the signal to go ahead. Civilian goods, both essentials and luxuries, then will flow through competitive channels of trade. Monsanto Chemicals will be on hand to help you make products with the high quality needed for sales success in markets where goods move on their merits.

If you are doing some long-range planning *now* in order to be ready when production of civilian goods gets the "go ahead," we shall be pleased to plan with you. We are ready to assist whether you are looking toward new products, seeking improvements in your prewar line or both.

Most of our products serving your industry now are under allocation, but we can supply you with samples for use in experimentation. Your inquiry, which puts you under no obligation, will receive prompt attention. MONSANTO CHEMICAL COMPANY, Organic Chemicals Division, 1700 South Second Street, St. Louis 4, Missouri.
District Offices: New York, Chicago, Boston, Detroit, Charlotte, Birmingham, Los Angeles, San Francisco, Seattle, Montreal, Toronto.

MONSANTO CHEMICALS
SERVING INDUSTRY...WHICH SERVES MANKIND

"And Freedom's banner streaming o'er us"

Oil, Paint & Drug Reporter

Founded October 18, 1871, by
William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by

SCHNELL PUBLISHING COMPANY, INC.,

59 John Street, New York 7, N. Y., U. S. A.

Telephone REctor 2-9820. Cable Address Reporter New York

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7; other countries, $10.00; single copies, 25 cents each.

Members of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1944, by
Schnell Publishing Company, Inc.

Vol. 146 September 11, 1944 Number 11

German Industrial Emigration

Although it still clings to a measure of hope that, by hook or crook—or by softness of head and heart on the part of selfish businessmen of Great Britain and the United States—it will not be stripped of its facilities, such as survive the war, German industry is building for its future—in other countries. The termination of hostilities will find many old faces under new names in new places. And it is not illogical to expect that the locations will not all be in the Eastern Hemisphere.

German funds are finding their way out into the world. They are not going to lie in idleness or luxuriousness after the war. The extent to which substantial funds have been transferred to Switzerland, Italy, Turkey, Spain, and other non-enemy countries is wholly a matter of conjecture. The extent to which some German funds are in business in those countries is indicated by the volume of their production and exports of articles, such as pharmaceutical chemicals, formerly a specialty of German industry. There is a close balance of imports and exports of such goods in certain Latin American countries. There is likely to be a bigger development of that business there.

Whether or not the harsher plans of the more realistic, farsighted leaders of the United Nations are carried out with respect to the decimation or elimination of German big business, German industry will not easily be reduced to insignificance as a world economic factor, whatever may be left to it as a maker of war. Its revival may not be in its native land, but, as an emigrant, it will retain most of its characteristics, and it will not lack atmospheres favorable to their development.

In its dealings with Argentina, the United States will wisely be guided by full consideration for the belief—and the hope—of many that that country will be the fostermother of the German cartels and all for which they stand. It is unfortunate that this country does not know that correlation of government and business which is essential to successful dealing with such things. In the field of economic global warfare, the United States is still armed with blunderbusses.

—O-P-D—

Legislative Improvement

A movement has been got underway in Congress for the improvement of the technic of legislative functioning. That is an achievement greatly to be desired. Everybody should lend all possible support and assistance toward its successful completion. It is already apparent that the things which the congressional advocates of improvement would tackle are not by any means the whole or even the worst of the lot that calls for reform.

The first step toward improved legislative functioning is to get more capable legislators. That having been done, it would remain to provide intelligent, impartial informative services. To a large extent these are available in the various departments and other agencies of the executive branch of the government, which are amply staffed to serve Congress in any and all particulars. This, of course, conflicts with the stated congressional belief that it should have a larger staff of experts, duplicating the work of executive offices—and doubling the payroll. It is, of course, a debatable question whether departmental experts could be expected to serve Congress impartially in such matters as the determining of budgets for their departments. But, there should be no insurmountable difficulty for really capable legislators in keeping such things within proper bounds.

Congress needs a lot of help in the construction of statutes, as well as in the determining of budgets. The evils of its incompetence in both scope and phrase of its enactments have frequently been manifested. Its greatest need, however, is not for expert assistance or for competence in statutory draftsmanship. That need is for farther sight and broader vision, for a national viewpoint, and for that greatest of all freedoms—freedom to think for oneself.

Congress has a commendable purpose in its desire to improve its operating technic and its finished products. But, as long as legislating shall be many times as much a political job as it is a public service, it is to be feared that that purpose will never be more than a lodestar, directing but distant.

—O-P-D—

Beware of Bungling

In spite of its clash of ideas on what is to be taken care of and how, Congress doubtless will do as good a job of reconversion programing as can be expected of it. Its evident intention to get through with the job before its members must take up the preliminaries of the general election will aggravate the many faults of omission and commission that are inevitable in the best congressional enactment. The statutory blueprint for reconversion will leave very much to be desired, in practicability, as well as in purpose.

These faults will do more than a little to realize the expectations of those who look for a period of economic debility more or less closely following the termination of war production and war employment under arms. These faults will handicap business in no small degree in its efforts to keep moving at the requisite pace along the new path of peacetime, which, obviously, will run uphill. It is, therefore, of the utmost importance to business that the statutory blueprint for reconversion be made as nearly perfect as full cooperation of business and government can make it. The plans of the War Production Board and the program of Congress must not be confused in attempts to evaluate policies and to schedule operations.

It is encouraging to learn that, under WPB plans for industrial transition from war production to that of peace, "industry is to be allowed its own way, according to the availability of markets, men, materials, and plants, to do the swiftest and most effective job possible of restoring production, making whatever people want, and affording employment just as quickly as possible." The intentions of WPB are not, however, the only influencing factor in the transition. Production, to which alone WPB can extend relief, cannot in any manner influence the availability of markets or effect an essential balancing of men, materials, and plants. Those things must be worked out by business. They are of prime importance. They can be very much disturbed by the interjection into the whole scheme of reconversion of palliative treatment of unemployment and other expectable ills. Such handling of these things seems to have a far stronger appeal to many influential members of Congress than is presented by preventive or actually remedial measures.

It should be clear to all that there is only one successful means of relieving unemployment, and that is the creation of jobs. Congress cannot do that; neither can WPB; nor even the War Manpower Commission. Jobs—in the true economic sense of the term—are made by business. It is imperative that, before the day when the creation of jobs becomes a matter of life or death for business, every possible step be taken to get assurance that congressional bungling or bargaining is not going to make their creation impossible.

—O-P-D—

Mistakes Among Men

Materials will not be the biggest bother of business in working out its transition from war to whatever succeeds it. In spite of widespread fears, money will not be transition's greatest troubler. That role will be reserved for men; because, to give the poet a satirical twist, "The poorest study by mankind is man." All the errors in the handling of materials or money are as nothing in comparison with what men do not know about dealing with one another.

Some 6,000 workmen walked out in Cleveland ten days ago because one of their number had been fired. Incomprehensible as is that inordinate ratio, it shrinks when due consideration is given to the fact that the workman was fired for breaking a lock when he could not find the key to his locker.

It could be that the breaking of a 75-cent lock was not the controlling reason for the workman's dismissal, and that there was no intelligence-stunning magnification of an anthill into an alp. If that was so, why the deception?

Somebody just must someday learn that confidence and cooperation are not built that way—and business is going to need those two things aplenty internally and externally.

PENICILLIN PFIZER

Production has by no means been the only consideration in the PFIZER PENICILLIN program. The quality of the finished product has always come first. Finishing operations are carried out under conditions of aseptic cleanliness which cannot be surpassed by any hospital, and the final product must pass rigid tests for potency, sterility, and freedom from fever-producing substances and other toxicities.

As produced, PENICILLIN consists of the active principle admixed with other inactive material. Research in the PFIZER laboratories has resulted in a continual increase in the potency (another way of expressing purity) of the final product, so that today's PENICILLIN PFIZER has a potency nearly ten times as great as that of the material first produced.

The World's Largest Producer of Penicillin

PFIZER QUALITY

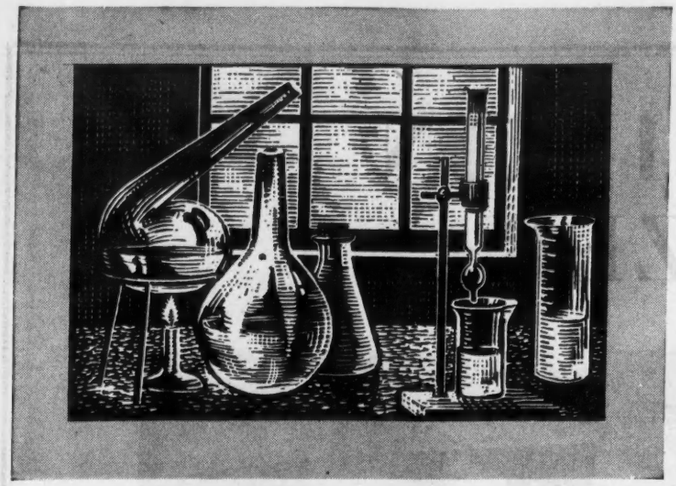
Chemicals For Those Who Serve Man's Well-Being

CHAS. PFIZER & CO., INC.

MANUFACTURING CHEMISTS • ESTABLISHED 1849

81 MAIDEN LANE
NEW YORK 7

444 WEST GRAND AVENUE
CHICAGO 10



SODIUM BENZOATE U. S. P.
Standard and Powdered
BENZALDEHYDE N. F., F. F. C.
Technical

Prompt service to any part of the United States

•

TENNESSEE PRODUCTS CORP.
PLANT AT CHATTANOOGA, TENN.
GENERAL OFFICES: NASHVILLE, TENN.

•

SALES REPRESENTATIVES
WM. S. GRAY & COMPANY
342 Madison Avenue New York 17, N. Y.
Phone: MUrray Hill 2-3100

HYDROCHLORIC ACID

★

SALT CAKE

★

BAY CHEMICAL COMPANY, INC.
NEW ORLEANS, 9, LA.

A Magnesia Specialty House

CALCINED MAGNESIA
(MAGNESIUM OXIDE)
Exclusively

EXTRA LIGHT
The *Original* Neoprene Type
A supreme quality product. Extremely fine state of subdivision. Very Active. Calcined from carefully selected Carbonate. Uniform quality maintained through rigid laboratory control of modern production methods.

HEAVY
Many special types available for various specific uses. We can supply Heavy Magnesia finely ground to meet exacting screen test specifications or unground in granular form for chemical use. L. C. L. shipments from stocks in Philadelphia, New York City, and Chicago. Special service on Carload Shipments.

PACKAGES—Specially designed to protect contents from moisture and air. Corrugated carton with special waterproof liner, and inner paper liner. Five-ply multi-wall bag, including asphalt liner. Special Export packages for regular Export trade, also Army and Navy specification bags.

General Magnesite & Magnesia Co.

Manufacturers - Importers - Distributors
2960 EAST VENANGO STREET
PHILADELPHIA 34, PA.

U. S. PHOSPHORIC PRODUCTS
Division TENNESSEE CORPORATION

SODIUM SILICO FLUORIDE

White, free-flowing, highest quality.
Stocks in Tampa, Cleveland and New York.

NATIONAL SALES AGENT

W. B. LAWSON, INC.
UNION COMMERCE BLDG. • CLEVELAND, OHIO

MERCHANTS . . .
MANUFACTURERS' SALES AGENTS
Distributors for American Potash & Chemical Co. Darling & Co. • Duquesne Smelting Corp. • Ferro Driers & Chemical Co. • Lindsay Light & Chemical Co. Merck & Co. • Philadelphia Quartz Co. • Stauffer Chemical Co. • Tennessee Corp. • Virginia-Carolina Chemical Co. • Wyandotte Chemicals Corporation and others.

Heavy Chemicals

Shipments against standing contracts continued to account for the major chemical movement last week. The call for government use was active, particularly from the military branch, while essential industries were prominent in leveling down the balance of output and leaving little more than a shadow of stocks in many instances. New buying was not on an extensive scale with transactions garnished with a bit of caution. Preliminary plans given publicity by WPB uncovered a clue as to what may happen at the conclusion of hostilities in Europe. Included in these was a reduction of 50 percent in the output of munitions as a whole and a 40 percent cutback in the manufacture of military aircraft. An enormous amount of miscellaneous chemicals is enroute to these industries at present. These are future conditions, but the buyer for industry has something to ponder over before extending commitments.

Ordnance nitric acid is being taken for a ride right into military plants and nowhere else. WPB has been forced to take this action on account of heavier military requirements. No improvement in the sulphuric acid situation could be noted, while the increasing manpower shortage is playing havoc with users of this material in several sections. It looked as though oxalic acid would prove a difficult buying proposition over the last quarter, while some authorities could see no easement in the supply of soda ash, soda caustic, chlorine and other important chemicals for the duration.

Paper production as a percentage of six-day capacity was 92.8 in the week ended Sept. 2, according to the American Paper & Pulp Association. This compares with 93.2 in the previous week and 90.7 percent a year ago.

Production and stock figures used in some of the following market reports were released by the Chemicals Bureau of the War Production Board.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914.)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Ammonia Anhydrous. — Production of synthetic for the month of June was placed at 40,071 tons. Stocks at the close of the month amounted to 2,488 tons.

Antimony Oxide.—Renewal of government buying for use as a fire retardant caught the market in rather limited supply. Difficulty in securing shipping space at foreign ore supply points has delayed importations of basic material and forced a temporary shortage of finished stock. Government buying developed unexpectedly but it is now understood that more oxide will be required during the last quarter of the year for government use.

Bleaching Powder.—Production of this material during the month of June amounted to 4,219,000 pounds. Stocks at the end of that month were 864,000 pounds. Supply position has tightened appreciably under recent heavy purchases for government use.

Calcium Acetate.—Output during the month of June was placed at 888,000 pounds. The supply situation at the end of that month accounted for 265,000 pounds.

Calcium Carbide.—There were 63,043 tons of this material made during the month of June. Inventories at the close of that month amounted to 29,643 tons.

Calcium Hypochlorite. — Production of true material 70 percent available Cl_2 for June was 1,052,000 pounds. The supply carry over at the end of that month was 568,000 pounds.

Calcium Phosphate. — Output of monobasic for June was 4,165,000 pounds. Stocks at the end of that month were 5,411,000 pounds.

Carbon Dioxide.—June production of liquid and gas amounted to 31,556,000 pounds with month end supplies at 1,232,000 pounds. The output of solid (dry ice) was 59,584,000 pounds with stocks at the close of that month amounting to 14,697,000 pounds.

Chlorine.—Heavy movement for government uses held market in tight supply position. Production for the month of June was 103,955 tons. The stock carryover at the end of that month was 6,414 tons.

Potash Caustic. — Tight conditions continued in this market under a smaller production inspired by the increased call for potash carbonate. The latter has remained in heavy demand for both government and industrial use as well as for export. The glass industry has been prominent in the movement for some time. Production of potash caustic in June was 3,745 tons with stocks of 1,931 tons at the end of the month.

Soda Ash.—No decisive change in the supply situation was recorded. Heavy demand has overlapped output and held the market definitely tight. The June output of wet and dry amounted to 371,754 tons, finished light 202,806 tons, finished dense 115,940 tons and natural 14,711 tons. The supply of finished light at the end of June was 26,377 tons, finished dense 9,582 tons and natural 3,187 tons.

Soda Caustic.—Producers of electrolytic caustic in June contributed 100,747 tons. Output of lime-soda process was 54,536 tons. Stocks of electrolytic at the end of June amounted to 34,115 tons and lime-soda 11,577 tons. Market conditions reflected the result of demand exceeding the limit of production.

Soda Silicate.—Production of liquid 40-degree baume amounted to 90,154 tons during June. Output of solid, all forms, was 9,247 tons. Stocks at the end of June were 109,101 tons of 40-degree and 8,052 tons of solid.

Zinc Chemicals.—Production for the month of June was 257 tons against 162 tons in May. Stocks at the close of the month amounted to 239 tons compared with 197 tons at the end of May. These figures include zinc carbonate, chromated zinc chloride, zinc cyanide, zinc peroxide and zinc sulfocarbolate.

Zinc Chloride.—June production in dry weight was placed at 1,688 tons against 1,958 tons in May. Stocks at the end of June were 1,209 tons compared with 1,285 tons at the end of May. Zinc ammonium chloride production amounted to 666 tons in June against 887 tons in May. Stocks were 691 tons at the end of June against 703 tons at the end of May.

Zinc Sulphate.—Production in June was 667 tons dry weight, compared with 870 tons in May. Stocks at the end of June were 758 tons against 722 tons in May.

Acids

Hydrofluoric. — Production of anhydrous meeting heavy demand for aviation gasoline use without much left over for civilian wants. Other grades sufficient to cover all essential industrial requirements.

Hydrofluosilicic. — Supply situation improved. Demands for brewery and chrome plating requirements met in full and without difficulty.

Muriatic. — Production in June amounted to 30,667 short tons. Stocks at the close of the month were 2,533 tons. Demand has paced production and kept inventories comparatively low.

Nitric.—Shipments from ordnance plants to industry have been ordered stopped by WPB. The action is due to the steady expansion of military requirements. June production was placed at 39,275 tons. Stocks at the close were 6,565 tons.

Oxalic.—Remained tight with fair prospects of getting tighter. Demand ahead of production and it looked like short stocks over the remainder of the year.

Phosphoric. — June production was given at 55,100 tons with stocks at the close of the month 14,764 tons.

Sulphuric. — June production was

For Current prices see alphabetical listing beginning on page 9.

BARIUM PEROXIDE
BARIUM AND CHEMICALS, Inc., Willoughby, Ohio
Successors to The J. H. R. Products Co.

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
CHURCH & DWIGHT CO., Inc.
70 PINE STREET Phone Digby 4-2181 NEW YORK 5, N. Y.

Another Pittsberg Product
POTASSIUM METABISULFITE
An improved crystal form, guaranteed 55% SO_2, pure white, especially effective as a food, beverage and photographic preservative and bleach.
We invite your inquiry on other chemicals
MANUFACTURED BY
PITTSBERG CHEMICAL CO.
3100 EAST 26TH STREET, VERNON, CALIF.

SODIUM SULPHIDE
BARIUM CARBONATE
BARIUM CHLORIDE
BLANC FIXE
BARIUM PEROXIDE
BARIUM OXIDE
BARIUM HYDRATE
Manufactured by
BARIUM REDUCTION CORPORATION
OFFICE AND WORKS: SOUTH CHARLESTON, W. VA.

CRESYLIC ACID
Authorized Distributors for the Defense Supply Corporation
SODIUM BENZOATE U.S.P.
AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVENUE, NEW YORK
Telephones: ASHland 4-2265 and 4-2266

SILICATE OF SODA
40° and 60°
EXPORT - DOMESTIC
TURPENTINE - LINSEED OIL - ALCOHOL
CHAS. L. READ & CO., Inc., 120 Greenwich St., NEW YORK 6, N.Y.
Telephone COrtlandt 7-8865

HYDRAZINE SULFATE
HYDRAZINE HYDRATE
FAIRMOUNT CHEMICAL CO., INC., 600 Ferry St., Newark 5, N. J.

METOL
(Monomethylparaminophenol Sulfate)
Registered Trade-mark
Sole Licensee
TANNIC ACID • GALLIC ACID
(U. S. P. and Technical Grades)
ZINSSER & COMPANY, Inc.
HASTINGS-ON-HUDSON, NEW YORK

Stauffer
INDUSTRIAL CHEMICALS
SILICON TETRACHLORIDE
BORIC ACID • CARBON TETRACHLORIDE • BORAX
TITANIUM TETRACHLORIDE • SULPHUR CHLORIDE
SILICON TETRACHLORIDE • SULPHURIC ACID
CAUSTIC SODA • TARTAR EMETIC • LIQUID
CHLORINE • SULPHUR • SODIUM HYDROSULPHIDE
CARBON BISULPHIDE • TEXTILE STRIPPER
STAUFFER CHEMICAL CO.
420 LEXINGTON AVE., NEW YORK
SAN FRANCISCO, CAL. CHICAGO, ILL.

EPSOM SALT
U. S. P.—Technical—Stock Food Grades
International
MINERALS & CHEMICAL CORPORATION
General Offices • 20 North Wacker Drive • Chicago 6
CHEMICALS • PHOSPHATE • POTASH • FERTILIZER

Maas Phosphates
PHOSPHORIC ACID
75% Food Grade; 85% USP
TRISODIUM PHOSPHATE
Anhydrous and Crystals
DISODIUM PHOSPHATE
Anhydrous and Crystals
TETRASODIUM PYROPHOSPHATE
Anhydrous, Powdered, Granular and Crystals
A ARM M
A. R. MAAS Chemical Co.
"ARMed for Chemical Service"
4570 ARDINE STREET • SOUTH GATE, CALIF.

placed at 236,879 tons of chamber process and 437,959 tons of net contact process. Stocks at the end of that month were 232,213 tons which were considerably below those of May. Current production is sufficient to meet military requirements but not enough to cover other wants. Manufacturers of superphosphate are concerned over the outlook for the four remaining months of the year. After that it is hoped that new production will offer relief. Decisive military developments could change the picture rather drastically.

Baltimore, Sept. 8.—The production of sulphuric acid proceeds apace, with the output of the present facilities promptly taken up, and with an increase in capacity still in order to satisfy the needs for conversion into high-octane gas especially along the gulf coast, which makes it important to get plants now in course of erection completed. The market remains at the high prices realized in March two years ago as ceilings, so that the variations which have prevailed since then persist, and the expectation that the government will establish a uniform price appears to have been abandoned. Of course, there is always the check afforded by renegotiation to hold down the profit margins of the producers to moderate levels, which process is being applied. Meanwhile, the cost of materials, the freight rates and other items of expense have not come down, so that acid makers depend largely upon economies in production costs to come out on the right side of the ledger.

Insecticides

War Shipping Administration has announced the following rates and surcharges on cryolite in bulk from Ivigtut, Greenland:—to United States Atlantic ports not South of New York, $6.85 per ton, plus surcharge of 115 percent; to ports South of New York but North of Cape Hatteras $6.90 per ton, plus surcharge of 124 percent.

June production of calcium arsenate was placed at 7,401,000 pounds compared with 4,890,000 pounds in May. Stocks at producing plants at the end of June amounted to 7,965,000 pounds. Lead arsenate production in June was 6,573,000 pounds and stocks at the end of that month aggregated 3,934,000 pounds.

A limited supply of rotenone has been made available by WPB for the manufacture of preparations used in the control of fleas and ticks on human beings and household animals. Allocations will be based on the average of purchases during the years 1940, 1941 and 1942, in order to achieve equitable distribution.

John Boyer Launches Advisory Service Project

OPD Washington Bureau

John W. Boyer, who resigned recently as chief of the alcohol and solvents branch of the WPB Chemicals Bureau, has opened an advisory service on Washington matters. He is located at 1321 New Hampshire avenue, N.W. His telephone is North 5321.

On the basis of his three years' connection with the chemical affairs of official war activities, plus twenty-five years' experience in the chemical industry, Mr. Boyer offers to undertake examinations, research, reports, and developments. His plans contemplate an eventual partnership with a lawyer, an engineer, and an economist.

Universal Match Buys Schutter Candy Co.

Universal Match Company, St. Louis, has announced that it has acquired the controlling stock interest in Schutter Candy Company, Chicago. Since 1939 Universal Match has produced and marketed cough drops in addition to matches.

Perry and Hackett Get DuPont Publicity Posts

E. I. duPont de Nemours & Co., Wilmington, has appointed Glen C. H. Perry assistant director of the public relations department and Charles M. Hackett assistant to the director of the department.

Research Tools to Be Taught

The University College of Northwestern University, Evanston, Ill., will offer a course of twelve evening lectures on new tools in chemical research from September 26 to December 12. Demonstrations and exhibitions will be included, covering ultraviolet and infrared spectioscopy, photography, and magneto chemistry. In addition, instruction will be given in beginning technical Russian.

Corn Products Chemical Div. Appointments Made

Corn Products Refining Company, New York, has announced the appointments of Dr. Henry L. Cox as general manager of the chemical division, and A. N. McFarlane as manager of sales for the chemical division. W. B. Newkirk, formerly director of research and development of the company, has been appointed assistant to Dr. Cox.

A native of North Carolina, Dr. Cox is a graduate in chemical engineering from the University of North Carolina. He took his doctorate in organic chemistry at the University of Chicago. He was formerly with Mellon Institute and the Carbide & Carbon Chemical Corporation, and recently assistant to the vice-president of the Rubber Reserve Company, Washington. Mr. McFarlane was formerly a member of the technical sales department of Corn Products and recently associate director of research of the Argo laboratories.

Itaconic Acid Production Cheapened by AAA Method

OPD Washington Bureau

Itaconic acid, useful in the production of plastics materials, can be produced at a cost of approximately 50 cents a pound, by a new method developed by Dr. Andrew J. Moyer, Dr. Lewis B. Lockwood, and Dr. George E. Ward, of the Northern Regional Laboratory of the Agricultural Research Administration. The method will be discussed in papers presented at the meeting of the American Chemical Society in New York, September 11 to 14.

The process, according to O. E. May, chief of the Bureau of Agricultural and Industrial Chemistry, involves the fermentation of corn sugar with a mold, *Aspergillus terreus*. The mold is seeded onto the surface of a 20-percent solution of the sugar containing other necessary nutrients. It grows as a thick, brown mat on the surface of the solution and in the course of ten or twelve days produces 1 pound of recoverable itaconic acid for each 4 pounds of sugar used.

Temple Joins Foote Mineral

The Foote Mineral Company, Philadelphia, has added George F. Temple to its technical staff as a chemical development engineer to work on problems in connection with the development of new chemicals and recoveries of the company's present products. Mr. Temple received his B. S. in electro-chemistry at M. I. T. and his master's degree in inorganic chemistry from the University of New Hampshire. He goes to the Foote Mineral Company from the General Chemical Company, where he served eight years, leaving as technical supervisor and control chemist.

Quartz Crystal Ceiling Eased

Brazilian quartz crystals purchased prior to July 6, 1944, may be priced by importers until October 15 higher than the proper changes set out in the maximum import price regulation. By order 39 under that regulation, the Office of Price Administration permits importers to charge a contract price stated prior to July 6 or the highest price then named for the same grade under the same conditions. Importers must file certified statements by September 12.

Clapp Rejoins Stein-Hall

Stein, Hall & Co., starches, gums, dextrins, and other commodities, New York, has elected Oliver H. Clapp as a vice-president. Mr. Clapp resigned as assistant vice-president in July, 1942, and joined the Defense Supplies Corporation in Washington. More recently he served as an executive of the Foreign Economic Administration. After a brief vacation he will return to the Stein-Hall organization September 18.

Trade Briefs

Commercial motor vehicles rented for a period of more than thirty consecutive days have been exempted by ODT from the provisions of general order 21.

Standard Chemicals, Inc., New York, has been incorporated with a capital of 100 shares no par value. Subscribers are:—Peter J. Haberkorn, John Koller Diestenfeld and A. E. Haberkorn.

CHEMICALS

ANTIPYRINE

ASPIRIN

BALSAM TOLU

GUM ARABIC

WORMSEED OIL

R. J. PRENTISS & CO., INC.

80 John Street, New York 7, N. Y.
9 So. Clinton Street, Chicago 6, Ill.

A PRODUCT OF
NEVILLE
QUALITY

PHENOTHIAZINE

For use as an anthelmintic for cattle, sheep, swine, horses, etc., and as an insecticide.

Meets national formulary specifications

Write for samples and prices!

A-14

THE NEVILLE COMPANY
PITTSBURGH · PA.
Chemicals for the Nation's War Program

BENZOL • TOLUOL • XYLOL • TOLLAC • NEVSOL • CRUDE COAL-TAR SOLVENTS
HI-FLASH SOLVENTS • COUMARONE-INDENE RESINS • GUANADINE NITRATE • TAR PAINTS
RUBBER COMPOUNDING MATERIALS • WIRE ENAMEL THINNERS • DIBUTYL PHTHALATE
RECLAIMING, PLASTICIZING, NEUTRAL, CREOSOTE, AND SHINGLE STAIN OILS

PEROXIDES
AND
PERCOMPOUNDS

HYDROGEN PEROXIDE
POTASSIUM PERSULFATE
AMMONIUM PERSULFATE
PYROPHOSPHATE-PEROXIDE
MAGNESIUM PEROXIDE
UREA PEROXIDE

AND OTHER ORGANIC AND INORGANIC PERCOMPOUNDS

Buffalo Electro-Chemical Company, Inc.
BUFFALO, NEW YORK

Out of petroleum: New Chemicals

ORONITE
CRESYLIC ACIDS

DESCRIPTION: Oronite Cresylic Acids are of petroleum derivation and consist largely of xylenols, together with negligible quantities of phenol and slightly more of mixed cresols.

USES: Cresylic Acids are used in flotation work as a frother; in the manufacture of plywood glues, phenol-formaldehyde type resins, plastics, insecticides, disinfectants, detergents, etc.; also as a component of special solvents.

HOW AVAILABLE: Oronite Cresylic Acids are available in tank cars and in 53 gallon (450 pounds net) barrels.

ORONITE CHEMICAL CO.
RUSS BUILDING, SAN FRANCISCO 4, CALIF.
30 ROCKEFELLER PLAZA, NEW YORK 20, N.Y.
WHITE-HENRY-STUART BLDG., SEATTLE 1, WASH.
STANDARD OIL BLDG., LOS ANGELES 15, CALIF.

ORONITE CHEMICALS

867

99% + PURE!

NICHOLS

TRIANGLE BRAND

TRADE MARK REG. U. S. PAT. OFF.

COPPER SULPHATE

OLDEST AND BEST KNOWN BRAND

Triangle Brand Copper Sulphate has been the standard in the chemical industry for over 50 years. *Every shipment is of consistently high quality—over 99% pure!*

Triangle Brand is readily available from strategically located plants. It is manufactured in several convenient sizes to meet varying consumer requirements. Packed in especially designed containers. Write for details.

COPPER OXIDE (Red) **NICKEL SULPHATE**

Made by

PHELPS DODGE REFINING CORPORATION

Electrolytic Refiners of Copper

40 Wall St., New York 5, N. Y. • 230 N. Michigan Ave., Chicago 1, Ill.

CHEMICALS Philipp Brothers METALS · ORES

NITROCELLULOSE SOLUTIONS

GLYCERINE

HYDROSULPHITES

PHOSPHATES

SODIUM NITRITE

Philipp Brothers Inc.

70 PINE STREET, NEW YORK 5

HARTFORD BOSTON PROVIDENCE

PHILADELPHIA BALTIMORE

Ammonia **ALUM** Potash

ALL GRADES

INTERBORO CHEMICAL CO.

32 Cliff Street, New York 7, N.Y. BEekman 3-2959

POTASSIUM FERRICYANIDE

(Red Prussiate of Potash)

HUNT CHEMICAL WORKS, Inc.

271 RUSSELL STREET, BROOKLYN 22, N. Y.

Telephone EVergreen 9-4855

AMMONIUM PERSULPHATE

- Grade A—Fine crystals . . . Guaranteed not less than 99% pure
- Grade B—Medium crystals—97½% pure

PENNSYLVANIA SALT MANUFACTURING COMPANY

Chemicals

1000 WIDENER BUILDING, PHILADELPHIA 7, PA.

New York • Chicago • St. Louis • Pittsburgh • Minneapolis • Wyandotte • Tacoma

---

CROTON

SODIUM NITRATE

(Double Refined U. S. P.)

POTASSIUM NITRATE • SODIUM NITRITE • SODIUM NITRATE
BORAX • BORIC ACID • POTASSIUM CHLORIDE • CAUSTIC SODA
SODA ASH • SODIUM PERBORATE • CUROSALT (for curing meat)
WELDING FLUXES • FLAMEPROOFING COMPOUNDS • SPECIAL PRODUCTS USED IN REFINING AND CASTING OF MAGNESIUM AND ALUMINUM

INDUSTRIAL CHEMICALS ESTABLISHED 1836

CROTON CHEMICAL CORPORATION

57 COMMERCE STREET, BROOKLYN, 31, N. Y. PHONE MAIN 5-2410

KEEP AN EYE ON

NAYLEE

CHEMICALS FOR INDUSTRY

•

CHLORINATED HYDRO CARBONS

•

MURIATIC ACID

•

WETTING AGENTS

•

TUBE DRAWING COMPOUNDS

NAYLEE

NAYPAR

CHLORINATED PARAFFIN

For Fireproof, Waterproof and Mildewproof Coatings

NAYLEE CHEMICAL COMPANY

Milnor St. & Robbins Ave., Philadelphia 35, Pa.

(Warehouses from Coast to Coast)

A.C.S. Meeting

—Continued from page 3

versity, will receive the $1,000 American Chemical Society Award in Pure Chemistry.

Other speakers at the general meeting will be Dr. C. F. Kettering, vice-president of General Motors Corporation, who will discuss "The Effect of Molecular Structures in Fuels on the Power and Efficiency of Internal Combustion Engines"; and Thomas Midgley jr., president of the American Chemical Society and vice-president of Ethyl Corporation, who will deliver the annual presidential address, his topic being "Accent on Youth." Bernard M. Baruch will be the principal speaker at a dinner to be held at the Waldorf-Astoria Wednesday at 7:30 p.m.

Sixty-five biochemists from the laboratories of universities, research institutes, hospitals, federal services, and industry, will participate in a symposium on "Frontiers in Biochemistry." The symposium will meet daily throughout the convention at the Hotel Pennsylvania.

Wiley Memorial Symposium

Science and industry will join in a Harvey W. Wiley Memorial Symposium on Tuesday in the Hotel Commodore. The symposium will commemorate the 100th anniversary of the birth of Harvey W. Wiley, "Father of American Food Chemistry." Dr. N. B. Guerrant of Pennsylvania State College, chairman of the Division of Agricultural and Food Chemistry, will preside. Food quality to attain which Wiley finally secured in 1906 the passage by Congress of the Food and Drug Act, will be the major theme of a dozen addresses by food experts. A session on Monday of the Division of Agricultural and Food Chemistry will be devoted to the vitamin content of food.

Organic Chemistry

Eighty papers will be presented to the Division of Organic Chemistry which will hold sessions at the Pennsylvania on Monday, Tuesday, Wednesday and Thursday. Dr. Ralph J. Shriner of the University of Illinois is chairman of this division.

Plastic Research

Research in plastics will be reported at a symposium scheduled for Tuesday morning and afternoon at the Biltmore under the auspices of the Division of Cellulose Chemistry, headed by Dr. Ernst Berl, research professor at the Carnegie Institute of Technology. Discussions will include both the theoretical and applied phases of cellulose plastics.

Chemical Education

Several hundred chemistry teachers will engage in a three-day program including a symposium on "Trends of Thought in Chemical Education and the Postwar Era" at the Pennsylvania on Tuesday. Dr. L. L. Quill of the University of Kentucky, chairman of the division, will preside at the symposium.

"Catalysis in the Petroleum Industry" will be a central theme of a symposium of the Petroleum Division on Wednesday and Thursday at the Hotel New Yorker. The petroleum division will also hold a round table on bench-scale techniques in addition to general sessions under the chairmanship of Dr. Cecil L. Brown of the Standard Oil Company of Louisiana.

Fertilizer Chemistry

"Nitrogen in Agriculture" will be dealt with in papers to be read on Tuesday at the Governor Clinton Hotel before the Division of Fertilizer Chemistry headed by Dr. H. B. Siems of Swift & Co., Chicago. The Division of Gas and Fuel Chemistry, of which Dr. Gilbert Thiessen, of Koppers Company, Pittsburgh, is chairman, will sponsor a round table on "Petrographic Constituents of Coal" on Friday morning at the Governor Clinton.

Industrial Wastes

A symposium on industrial wastes will be held by the Division of Water, Sewage and Sanitation Chemistry Thursday morning at the McAlpin hotel.

Other divisions to meet include colloid chemistry, analytical and microchemistry, sugar chemistry and technology, and paint, varnish and plastics chemistry.

Registration begins at the Pennsylvania on Sunday. The society's council will convene Monday morning at the Pennsylvania. Technical sessions start Monday and will continue through Friday. A special program for women chemists has been arranged by a committee headed by Dr. Gertrude Vermillion, New Jersey College for Women. An employment clearing house to bring together employers, chemists and chemical engineers will be conducted at the McAlpin hotel.

Chemical Salesmen's Golf Reservations Swell

Reservations for the final golf tournament of the Salesmen's Association of the American Chemical Industry, to be held at the Pomonok Country Club, Flushing, L. I., September 14 were reported approaching the hundred mark. Reservations are in charge of J. Robert, of the Fisher Chemical Company, 60 East 42nd street, New York.

J. R. Fisher

National Carbon Sales Setup Now Complete

The National Carbon Company, New York, has completed its sales setup under which all products are to be handled nationally from seven divisional offices, with headquarters to be opened October 1 in New York, Pittsburgh, and Chicago. Similar offices were recently opened at Atlanta, Dallas, Kansas City and San Francisco. F. W. Berdan will manage the New York division, with J. A. Hammond heading the Pittsburgh division and H. A. Stewart supervising the Chicago division.

Paradichlorobenzene Use Surveyed By Pest Ass'n

National Pest Control Association has sent a questionnaire to its membership in an effort to determine the volume of paradichlorobenzene and flake naphthalene used by the members. The questionnaire has been dispatched to the members to assist the manufacturers in allotting the materials.

New England Starch Sold

The eight plants of the New England Starch Company have been sold to Gabriel & Holt, Fairfield, Me. and George W. Page & Co., Fort Kent, Me. The New England Company was a manufacturer of potato starch and dextrine specialties.

Westvaco Names Director

Westvaco Chlorine Products Corporation, New York, has elected Maynard E. Simond to the board of directors. Mr. Simond is a partner in F. Eberstadt & Co., investment banking house, New York.

HOW TO SPOT TWO 100% DEPENDABLE CHEMICALS

Just look for these Identifying Insignia:

LIQUID Sulfur Dioxide BY ANSUL*

LIQUID Methyl Chloride BY ANSUL*

*Reg. U. S. Pat. Off. OP-4-44

ANSUL CHEMICAL COMPANY
MARINETTE, WISCONSIN
EASTERN OFFICE: PAOLI, PENN.

CHROME OXIDE
SELENIUM SALTS
VITRO MANUFACTURING CO., Corliss Station, Pittsburgh, Pa.

POTASSIUM CHLORATE
INTERNATIONAL SELLING CORP.
67 Broad Street, New York 4, N. Y. WHitehall 4-7490

For efficient fumigation
METHYL BROMIDE
"Effective Against a Wide Variety of Insects"
- - Available for prompt shipment - -
MICHIGAN CHEMICAL CORPORATION
Main Office and Plant: SAINT LOUIS MICHIGAN
Eastern Sales Office: 15 Exchange Place, Jersey City, New Jersey

OXALIC ACID
CRYSTALLINE AND POWDERED
Guaranteed 99.8% Pure
Free from Sulphuric and Hydrochloric Acid.
Careful Screening Insures Uniformity.
VICTOR CHEMICAL WORKS
141 WEST JACKSON BOULEVARD CHICAGO 4, ILLINOIS

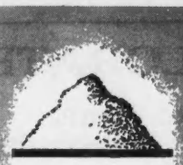
MAKE TIGHT BARRELS TIGHTER

PQ SILICATE AID: Lining cooperage with dilute "N" Silicate makes the wood resistant to oil and grease penetration. This protects contents of wood packages against leakage or contamination. Directions for testing and lining in PQ Bulletin No. 51, free on request
PHILADELPHIA QUARTZ COMPANY
GENERAL OFFICES & LAB.: 125 S. THIRD ST., PHILA.

BARIUM
CARBONATE
CHLORIDE
SULFIDE
CHROMATE
• SODIUM SULFIDE • SODIUM SULFHYDRATE •
• AMMONIUM SULFIDE
MANUFACTURED BY
CHEMICAL PRODUCTS CORPORATION
CARTERSVILLE, GEORGIA

ZINC SULFATE (monohydrated)
FOR THE INDUSTRY THAT REQUIRES HIGH PURITY
— Properties —
• Fine, crystalline
• Free-flowing
• Easily soluble
• Non-caking
100 lb. Bags—(425) Bbls.
Plant shipment prompt,
C. L. or L. C. L.
Unexcelled for Rayon Processing
VIRGINIA SMELTING CO.
WEST NORFOLK, VIRGINIA

PHTHALIC ANHYDRIDE

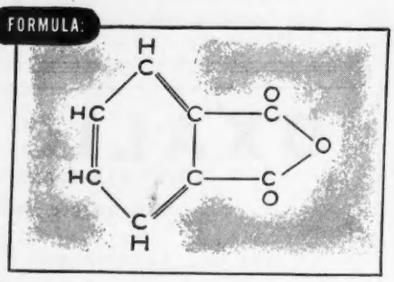


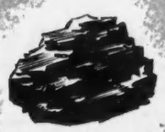
DEFINITION: Phthalic anhydride is the anhydride of phthalic acid (ortho dicarboxylic acid of benzene). It is a pure white chemical raw material in the form of small, free-flowing flakes.

HISTORY: Laurent and Marignac first obtained phthalic anhydride by warming phthalic acid with acetyl chloride.

FORMULA:

$C_8H_4O_3$





SOURCES: Phthalic acid was formerly prepared by oxidizing naphthalene with concentrated sulfuric acid in the presence of a small amount of mercury or mercuric sulfate. The anhydride is now manufactured catalytically by passing heated air and naphthalene vapor over vanadium pentoxide.

CHARACTERISTICS: Phthalic anhydride forms, on sublimation, long, tough crystalline needles which are slightly soluble in cold water and quite readily soluble in hot water to form phthalic acid. Minimum solidification point 130.5°C; boiling point 284°C.

USES: A raw material for many ester-type plasticizers for lacquers and industrial finishes. Basic material for anthraquinone, dyes, phenolphthalein, etc. Used in making synthetic alkyd resin finishes.

GRADES: Pure white flakes shipped in wooden barrels — even net weight 275 lbs. and in multiwall paper bags — even net weight 80 lbs.

NOTE: Deliveries today are restricted by the primary requirements of phthalic anhydride for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.
ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Military requirements have been the key factor in determining how much basic coaltar material could be released for essential civilian uses. It was apparent that the expanded call for ordnance requirements would form a drastic cutback in the amount of benzol, toluol and xylol available for industrial consumption. There was no doubt that several industries, including the dye and intermediates, protective coatings and lacquer, have felt the pinch in basic materials more than before. WPB officials stated that shipments of toluol for aviation gasoline may have to be reduced in order to permit larger quantities to reach the manufacturers of explosives. Naphthalene felt the full impact of an increasing demand, propelled by the heavy consumption of synthetic resins. Shortages and strength in the major basic coaltar products have exerted their influences in the acids, colors and intermediates. The overall situation at the moment looked firm. If the curtain should drop suddenly on the European war theatre, the picture might cast some new and interesting shadows.

Steel operations for the week beginning September 4 were scheduled at 95.5 percent of ingot capacity, compared with 97.1 percent for the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 97 percent. The current schedule is equivalent to a production of 1,710,700 net tons of ingots and castings, against 1,739,300 tons for the preceding week and 1,748,200 tons for the corresponding week in 1943.

Basic Products

Benzol.—Government requirements for aviation gas and trinitrotoluene have forced a substantial cutback in civilian allotments. This condition was reflected in a definitely tight market situation. WPB has denied all requests for use in paint and varnish removers and brush cleaners. Smaller quantities will be available for use in lacquer thinners and aniline dyes.

Coaltar.—July production was 2.8 percent above June, according to the Bureau of Mines. Output for July was 64,577,420 gallons compared with 62,806,026 gallons in June and 60,398,000 gallons for July, 1943. Stocks at the end of July were 33,799,426 gallons against 35,304,301 gallons for June and 30,605,985 gallons at the end of July, 1943.

Creosote Oil.—Bureau of Mines recorded a decline of 3.4 percent in July production from that of June. Output amounted to 3,448,501 gallons compared with 3,568,836 in June and 3,222,000 gallons for July of last year. Stocks on hand at the close of July were 1,308,375 gallons against 1,515,015 gallons in June and 1,197,009 gallons for July, 1943.

Cresylic Acid.—Market conditions remained firm under an active miscellaneous inquiry. Shipments for use in the manufacture of plastics and chemicals seemed to hold the lead in the week's movement.

Naphthalene.—July production was slightly above that of the previous month. Figures as released by the Bureau of Mines gave July output at 8,239,513 pounds compared with 8,232,393 pounds in June and 7,787,000 pounds for July, 1943. Stocks at the end of July were given at 2,466,724 pounds against 2,348,626 in June.

Phenol.—Manufacturers of chemicals and medicinals continued to call for sizable shipments of this basic material. Essential requirements were covered without unusual difficulty.

Toluol.—Civilian allotments have been cut in order to increase ordnance shipments for the production of T-N-T. Officials of WPB stated that a reduction in shipments for the manufacture of aviation gasoline might be necessary in order to increase the amount available for explosives.

Xylol.—Demand heavy and increasing for use in the manufacture of aviation gasoline. Allocations have been cutback for use in protective coatings. WPB has taken steps to increase the output of xylol from a petroleum base.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914.)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Chicago, Sept. 8.—Trade in coaltar bases is steady in volume and firm and stable in tone. Movement on current orders is described as being fully up to expectations. A generally firm undertone is present. Benzol is in good call. In general, these products were so firm previously that the new tightening of civilian quotas seems to have had little effect marketwise. Ruling prices exclusive of tax are:—Benzol, 90 percent, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexane.—Market has developed a firmer tendency under a gradual expansion in demand for use in the manufacture of synthetic resins. The supply situation was reported sensitive and in a condition to change rapidly under the infusion of buying orders.

Cyclohexanol.—Limited stocks have allowed the market to tighten under a gradual increase in buying interest. The price situation was reported firm but without quotable change.

Coaltar Acids

Anthranilic.—No improvement in buying conditions. Production held down through shortage of basic materials. Demand sufficient to maintain market in tight position.

Cleves.—Essential requirements took about all the available material. Short supplies reflected in market's tight position.

Fumaric.—Demand broad enough to prevent any accumulation of supplies. No visible indication of improvement in near future.

Gamma.—Similar to other acids. Production held down by difficulty in securing basic products. Essential requirements satisfied and that was about all.

Laurent's.—Regular consumers have furnished a steady outlet for production of this acid. Limited stock's contributed strength to the markets position.

Maleic.—Steady shipments reported for use in making fumaric acid. Synthetic rubber and cellophane manufacturers as well as tanners were well represented in the week's movement.

Picramic.—Essential requirements continued to have the jump on production. The supply situation has not been encouraging to new buyers.

Coaltar Colors

Textile mills took a fair amount of specialties and there seemed to be a gradual broadening of interest. Production was not on an elaborate scale due to the uncertainty of securing sufficient anilin and other intermediates as well as acids. Relatively small inventories exerted a steady influence on prices. The movement of certified food colors followed routine lines.

Other Intermediates

Alpha-aminoanthraquinone.—Chemical Warfare Service has asked for bids on 17,820 pounds of this material that cost $1.98 per pound and is located at Linden, New Jersey. The quantity contains approximately 78 percent mono-aminoanthraquinone, 15 percent di-aminoanthraquinone and 8-10 percent anthraquinone. Bids may be submitted to Capt. Bernard Margulis Chemical Warfare Service, 292 Madison Ave., New York 17, before 3 p.m., Sept. 11.

Anilin.—Supply position seemed to be less favorable than a week ago. Smaller allotments of benzol are expected this month, which suggests a further decline in anilin oil produc-

For Current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended Sept. 2, indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	38,482,986
Benzol	gals.	3,775,230
Coaltar	gals.	14,735,574
Creosote oil	gals.	779,402
Naphthalene	lbs.	1,044,052
Phenol	lbs.	219,207
Toluol	gals.	755,046
Xylol	gals.	170,494

tion. Inventories helped to satisfy demand last month, but even these have been reduced. A similar situation was noted in anilin salt, both markets closing firm and in a tight condition.

Betanaphthol.—Until there is some easement in the basic supply situation, there is little possibility of buying conditions improving in the finished product. The market was firm under prevailing circumstances.

Dinitrobenzene.—No diversion from war production industries and it looked as though the movement in this direction would continue indefinitely. Strong basic conditions were enough to hold the market firm.

Diphenylamine. — While recent demand for end uses considered essential have been satisfied, inventories were drawn upon to meet this call. Shortage of anilin has curbed output below seasonal expectations.

Monochlorobenzene. — Similar to other intermediates dependent upon benzene as a base. Production necessarily limited and supply situation tight.

Paradichlorobenzene.—Heavy civilian demand for this intermediate has never been satisfied all year. Buying interest for moth proofing has expanded considerably beyond the current productive capacity.

Phthalic Anhydride. — Difficulty in securing naphthalene combined with a heavy consuming demand for the finished product have been influences curbing any easement in the supply situation. Shipments for alkyd and miscellaneous resins have averaged about 60 percent of requirements, while there was only enough material to satisfy less than half the inquiries for use in making coaltar intermediates.

Marietta Dyestuffs Sold To American Home

The acquisition of the Marietta Dyestuffs Company, Marietta, Ohio, by the American Home Products Corporation, New York, in an exchange of capital shares has been announced by Alvin G. Brush, chairman of the board of the American Home Products.

Founded in 1926, Marietta Dyestuffs has concentrated on the production of basic and acid colors and intermediates for the dye industry. According to Mr. Brush, the company's products are being expanded to include DDT. No change in the management or personnel of the new subsidiary is contemplated. G. A. LaVallee remains as president. C. H. W. Whitaker is vice-president.

Palmolive Advertising

—Continued from page 3

product. It cannot, therefore, be stated that the use of Palmolive soap will produce the beneficial results to the skin obtained by the application of free oils."

Representations which the respondent agrees to discontinue concerning other of its products are that 'Palmolive' lather cream contains any free or unsaponified olive or other oil or that the use of olive oil in its manufacture, if in significant amount, does anything more than contribute to the creation of a bland lather; that the use of any of the respondent's shaving soaps or creams will benefit or improve, except by its cleansing or temporary emollient action, the appearance of the skin, or will condition the skin except in the sense of preparing it for the razor; that clothes can be soaked clean of all dirt and grease in a solution of water and Concentrated 'Super Suds' with no scrubbing or rubbing required, or, by the use of expressions such as "hospital clean," that articles washed in the solution will be sterile; or that the washing of clothes or dishes in a solution of 'Concentrated Super Suds' and water will make the hands soft or smooth or that the solution will prevent or reduce such ill effects upon the skin as may be brought about by the immersion of the hands in hot solutions incident to such washing.

J&L BENZOL

REAGENT BENZOL • C.X.P. BENZOL • NITRATION BENZOL
PURE BENZOL

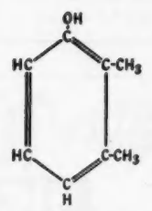
JONES & LAUGHLIN STEEL CORPORATION
PITTSBURGH, PENNSYLVANIA

BENZOL
TOLUOL • XYLOL
PYRIDINE

J&L STEEL

KOPPERS

Natural



1, 2, 3 XYLENOL
(Xylenols are dimethyl phenols of which there are six.)

Cresylic Acids

Koppers' entire production of cresylic acids is derived from tar acids present in coal tar from by-product coke ovens. Among grades of tar acids produced at the present time, Koppers classifies all those of not less than 99% purity, distilling 50% off at or above 204°C., as cresylic acid.

Grades available include—those in which cresols predominate . . . . those of approximately equal parts of cresols and xylenols . . . those in which xylenols predominate . . . those composed almost entirely of xylenols . . . and those of high coefficient value boiling above the xylenols. Composition can be varied as desired except with respect to the naturally occurring ratio of one xylenol to another or one cresol to another boiling at almost the same temperature. Samples gladly furnished upon request. Shipments subject to Allocation Order M-27.—Koppers Company, Tar and Chemical Division, Pittsburgh 19, Pa.

KOPPERS
The Industry that serves all industry

ALBUMENS

SPECIFY "GARTENBERG"
. . . always Uniform
. . . always Dependable

★ THE LARGEST MANUFACTURERS AND EXPORTERS OF TECHNICAL EGG PRODUCTS OFFER YOU DOMESTIC ALBUMENS AND EGGS, LIQUID OR DRIED, IN ANY FORM FOR EVERY INDUSTRIAL USE

Write for Samples and Quotations

★★ SPEED VICTORY—BUY WAR BONDS ★★

H. GARTENBERG & CO., Inc.
Largest Manufacturers of Tanners' Egg Products
412 W. Pershing Road Chicago, Illinois
Cable Address: "GARTEGG"

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton St., NEW YORK 7
Telephones: COrtlandt 7-1460-1461 Cable Address "Fezan", N. Y.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural BICHROMATES

COBALT OXIDE SULPHATE HYDRATE ACETATE
CERAMIC COLOR AND CHEMICAL MFG. CO., 1000 13th St., New Brighton, Pa.

Mutual BICHROMATES

- BICHROMATE OF POTASH
- BICHROMATE OF SODA
- CHROMIC ACID

MUTUAL CHEMICAL COMPANY OF AMERICA
270 MADISON AVENUE NEW YORK 16, N. Y.
CHROMIUM CHEMICALS

Textile and Leather Chemicals

Withdrawals of offers for sale by producers of wattle extract occurred during the past week. Makers took this action because of higher production costs. Market conditions and other problems will be discussed with OPA officials at a meeting planned to be held in New York during the next week.

Trading in leather and textile chemicals was negligible during the week. While business was quiet, the advancing price trend in primary markets tended to keep values at prevailing high levels. Cable advices from East and South Africa announced higher prices for wattle bark and extract for prompt forward shipment. Users showed little interest in forward deliveries of late, in view of the approaching climax of the European war.

Slackening in the demand for corn starch has eased the tight delivery situation, and the movement is now closer to normal. Other sizing materials, however, were in light supply, with demand larger than material available.

United States wool production in 1944 is expected to be the smallest since 1936, the Department of Agriculture estimates.

The quantity of wool shorn and to be shorn this year was estimated at 355,129,000 pounds, about 29,249,000 pounds, or 8 percent, short of the 1943 production and 4 percent below the 1932-41 ten-year average. Although there was a small decrease in the average weight per fleece, the USDA pointed out the reduction in shorn wool largely is due to reduction of the sheep population.

Average weekly consumption of apparel class raw wool in June, 1944, amounted to 10,389,000 pounds (scoured basis), compared with 11,723,000 pounds in May and 11,832,000 pounds in June, 1943, according to statistics released by the Bureau of Census.

Manufacturers of duck, a heavy cotton fabric now being sold for the most part to the armed forces, may enter into contracts with Government war procurement agencies on an adjustable pricing basis, the Office of Price Administration announced. Duck is currently being produced under direction of the War Production Board. It has been declared a critical item on the list of military purchases, with the armed services experiencing difficulty in negotiating forward contracts with producers.

Chemicals

Aluminum Acetate. — Conditions in this market were steady. Demand was routine, with prices unchanged.

Soda, Bichromate.—Users were absorbing the bulk of production. Market was firm at former levels.

Soda, Hydrosulphite.—Consuming industries are taking moderate quantities of this material for prompt requirements. Prices were steady.

Zinc, Dust.—Production of zinc dust totaled 2,232 short tons during June, and shipments amounted to 2,369 short tons. Stocks on hand at the end of June were 721 short tons, according to the Bureau of Mines.

Dyestuffs

Annatto.—Limited stocks were closely held. Sellers were not offering except to the regular trade. Demand was routine.

Fustic. — Business was confined to small lots for actual needs. Supplies were light, but sufficient to cover requirements.

Logwood. — Consumers were taking moderate lots against contracts. Prices were firm and unchanged.

Sizing Materials

Albumen, Blood.—Increased production in one direction has boosted the output of blood and improved the recent tight delivery situation. Prices were well held and unchanged. Trading was fairly active for prompt delivery. A good call continued for soluble dried blood.

Albumen, Egg. — This market continued firm owing to the limited stocks and a good inquiry. Prices were strong at ceilings, which advanced 2 cents per pound September 1.

Corn Sugar.—Supply situation of this market continued tight with demand exceeding production. Manpower shortage has affected output and deliveries in many instances were from three to four weeks behind contract schedules.

Dextrin, Corn.—Firm conditions continue to feature this market. Demand still exceeded production which has been materially reduced by the manpower shortage. Makers report deliveries delayed from eight to ten weeks.

Egg, Yolk.—Supplies of yolk show a steady decrease and with production at low ebb, the market continued firm. Consumers were taking sizable lots against former orders. Offerings were restricted. Prices were well held at the recent advance of 2 cents per pound in the ceiling which became effective September 1.

Starch, Corn. — Recent active demand has subsided and deliveries which were behind schedules were now moving normally. While new business has slackened, withdrawals against former contracts were in good request. Prices were unchanged and steady.

The visible supply of corn in the United States declined 451,000 bushels for the week ended September 4 to 10,347,000 bushels according to the Chicago Board of Trade.

Private estimates of the corn crop as of September 1, forecast the yield at 2,886,489,000 bushels, indicating a moderate decrease in the crop during the month of August.

Starch Potato.—Prospects for new crop were reported improved and production for this season appears to be adequate to cover requirements. The output in Maine was expected to be less than last year due to the cancellation of the diversion subsidy sponsored by the Department of Agriculture, which was in effect last season. Ceilings were held at 6¾c. per pound, bags carlots, Boston and 6.37 cents New York, same basis.

Tapioca Flour.—Owing to the sold-up condition of this market prices were entirely nominal at 6¾c. and 7 cents per pound, according to quality. Shipments from Brazil and San Domingo were offered sparingly, and recent arrivals were delivered to consumers against prior orders.

Tanning Materials

Divi-Divi. — Business was inactive during the week. Market was firm and reflected the scarcity of offerings from primary centers. Consumers, however, were manifesting little interest in new commitments, and the market was more or less nominal.

Mangrove Bark.—While trading was quiet, the market continued steady. Offerings for shipments were light and ranged from $65 to $70 per ton, ex dock.

Myrobalans.—Primary markets continued firm, with offerings for shipment restricted owing to the difficulty to transport material from the interior to the coast. Buying interest was quiet.

Quebracho. — Consuming industries received adequate quantities for immediate and prompt requirements. The market was firm at prevailing prices.

Wattle Bark.—Firmer conditions prevailed in primary markets, and shipments of bark were advanced $3 per ton and extract $6 per ton. Consumers, however, manifested little interest in the higher levels, and trading was quiet. Makers of wattle extract withdrew offerings from the market, in view of the higher cost of production.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914.)

Last week.	Prev. week.	Last month.	Last year.
267.9	267.9	266.2	271.9

For Current prices see alphabetical listing beginning on page 9.

Protective Coatings Materials

Despite unwarrantable rumors of a speedy ending of the European war, which incidentally have been deprecated by all the Allied military and administrative executives, there has been no intimation of an immediately impending 40 percent cutback of war orders in the paint, varnish and lacquer industries or in the trades supplying the materials for these protective coatings.

On the contrary, the volume of war orders in these lines has continued extremely heavy, even much larger in some directions than earlier in the year, although showing occasional diminutions in a few types of merchandise, with the business emanating from army and navy procurement agencies still constituting approximately 75 percent of the total in these trades.

It is chiefly because of the undiminished stepping up of these war orders, although also partly due to a steady gain in bookings of civilian business since May, that the total sales volume of the 680 paint, varnish and lacquer establishments reporting to the Census Bureau have been able to set forth a new peak for the first seven months of this year, as shown in the table below. It is noteworthy, in this connection, that, although these total sales for July have revealed a drop from the $58,970,037 recorded, in the revised figure for June, to $51,724,593, the latter figure is still about $1,600,000 above that for July of last year, and the grand total for the seven months period has attained a new high-tide mark at $361,809,125, as compared with $330,578,923 for the corresponding period in the banner year 1943.

Considerable interest attaches to the comprehensive order on protective coatings, designated as M-382, which has just been issued by the War Production Board after long consultation with the WPB Industry Advisory Committee, which brings together in one document all of the provisions with respect to the distribution and use of protective coatings made from certain critical materials and clarifies the extent of WPB control over excess and idle stocks in the hands of producers, distributors and consumers.

Metallic Lead and Zinc

Despite a recent slight dip in the domestic output of metallic lead reported by the Bureau of Mines, the supply of pig lead available for both military and civilian uses is proving sufficient to meet all needs without drawing upon the Defense Supplies Corporation stockpile. Preliminary figures on the production of lead in terms of recoverable metal from domestic mines, including those in Alaska, for July is reported by the Mines Bureau as having reached an aggregate of 32,482 short tons, a decline of 745 tons, or about 2 percent, from the June yield. The recession in the July production has been due to a shortage of labor at the mines in the Western States which has been responsible for a reduction of 5 percent from the previous month's yield in those States.

Lead oxidizers and manufacturers of all types of lead pigments continue to fill their requirements without restrictions of any kind. Quotations for pig lead have continued unchanged for the week September 1-8 at 6.35c. per pound in St. Louis and 6.50c. in New York. Production of carbonate white lead for June, as reported by WPB's Chemicals Bureau and Census Bureau, has amounted to 7,019 short tons and that for basic sulphate to 840 tons.

With the domestic production of slab zinc showing a further recession to the lowest level reached in three years, while inventories continue to register an additional reduction, there has been no cause for modification of WPB's drastic limitation on uses to those relating to war production work. The output of metallic zinc, in terms of recoverable metal, from domestic mines for July has been reported by the U. S. Bureau of Mines in its preliminary estimates, calculated from production of zinc concentrates by mills, individuals and custom refineries, as amounting to 56,525 tons, a decline of 2,440 tons, or approximately 4 percent from the domestic yield for June, due chiefly to a heavy lowering of the output from the mines of a large producer in Tennessee. In spite of the still existing plentitude of zinc ore and concentrates, makers of zinc pigments are yet compelled to obtain priorities to procure their requirements in slabs. Prices for zinc slabs have remained unaltered for the week September 1-8 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Market Trends

Prices Advanced

Alphapinene, ½c. per gal.
Rosin, gum, 5c. to 12c. per 100 lbs.
Turpentine, gum, ½c. per gal.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914.)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Pigments

Blue Lead.—Though still greatly delayed in making deliveries of this and all other lead pigments by lack of an adequate supply of drums and cans and also of manpower, the manufacturers of these lines are cheered by promises of a more abundant quantity of the necessary containers in which to ship to civilian consumers. Meanwhile, war production orders are being promptly filled in considerable volume.

Litharge.—Still manifesting keen buying interest on both military and civilian accounts.

Lithopone.—Demand continues mounting and supply situation is still extremely tight, despite the recent amendment to WPB order M-353, authorizing some allotments of all zinc sulphide pigments.

White Lead.—Conditions identical with those in blue lead, as described above, also characterize the market for this pigment.

Zinc Oxide.—Continues to be characterized by an exceedingly tight supply situation, with leadfree material under allocation control and with leaded materials almost equally difficult of procurement for civilian consumers. It may be noted that a report of the Chemicals Bureau of the War Production Board and Bureau of Mines shows production of leaded zinc oxide for June to have amounted to 4,924 short tons, compared with 5,007 tons for May, and stocks on hand, June 30, as reaching 2,272 tons, compared with 2,517 tons on May 31. These same authorities report the production of leadfree zinc oxide for June at 12,690 short tons, against 12,921 tons for May, and stocks on hand on June 30, as 11,368 tons, contrasted with 10,964 tons on May 31.

Fillers and Extenders

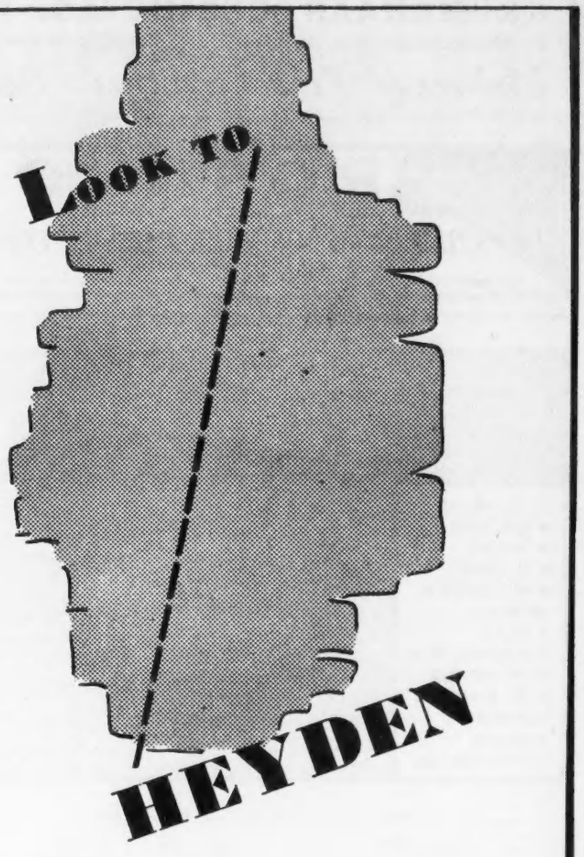
Asbestos.—Both Canadian and domestic materials continue moving steadily into consuming channels with prices well maintained.

Paint, Varnish, Lacquer Sales: July

The value of paint, varnish, lacquer and fillers sold in July, 1944, as reported by 680 establishments to the Bureau of Census, was $51,724,593. Details of sales reported by these establishments, and comparable data for 1943, follow:—

	Total sales reported by 680 establishments.	Classified sales reported by 580 establishments—Trade-sales of paint, varnish, and lacquer.	Industrial sales—Total.	Industrial sales—Paint and varnish.	Industrial sales—Lacquer.	Unclassified sales reported by 100 establishments.
1944—July	$51,724,593	$25,662,801	$21,227,001	$15,948,215	$5,278,786	$4,834,791
Totals, 7 mos.	361,809,125	175,259,414	151,043,091	112,532,308	38,510,633	35,506,710
1943—July	50,106,908	24,024,905	21,344,380	16,219,678	5,124,702	4,737,623
Totals, 7 mos.	330,578,923	150,236,511	139,675,285	103,978,600	35,696,685	31,667,127

For Current prices see alphabetical listing beginning on page 9.



FOR

FORMALDEHYDE
U. S. P. SOLUTION

PARAFORMALDEHYDE

HEXAMETHYLENETETRAMINE

PENTEK*
(PENTAERYTHRITOL TECHNICAL)

*TRADE MARK, REG. U. S. PAT. OFF.

WRITE FOR CURRENT PRODUCTS LIST

HEYDEN Chemical Corporation
393 Seventh Avenue, NEW YORK 1
Branch: 180 No. Wacker Drive, Chicago 6

KRUMBHAAR CHEMICALS, INC.
Dr. William Krumbhaar, President SOUTH KEARNY, N. J.
Makers of Finest Synthetic Resins

Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York 20, N. Y.
Office: 3001 West 47th Street, Chicago, Ill. *Factory:* Savannah, Ga.

STEARATES
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• PHILADELPHIA
• DALLAS
• BOSTON
• SHAWNEE, OKLA.
• LOS ANGELES
• SAN FRANCISCO
• OAKLAND
• SEATTLE
• PORTLAND, ORE.
ZINC STEARATE
BARIUM STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

GILSONITE
The unique Asphalt of many uses
CLEAN AND UNIFORM
BOTH HIGH AND LOW MELTING POINT TYPES
Prompt shipment in carloads from Craig, Colorado
Warehouses for less than carload shipments located at convenient points
•
BARBER ASPHALT CORPORATION
BARBER, NEW JERSEY

TURNER CHEMICALS
PERSULPHATE OF POTASH
PERSULPHATE OF AMMONIA
COPPER CARBONATE
BORAX
JOSEPH TURNER & CO.
RIDGEFIELD, NEW JERSEY
83 EXCHANGE PLACE, PROVIDENCE, R. I.
435 N. MICHIGAN AVE. CHICAGO 11, ILL.

Barytes.—Dryground barytes procured from Tennessee and Georgia is still in altogether too light supply to meet all requirements but there is a plentiful supply of wetground material from Missouri.

Dry and Chemical Colors

Bone Black.—Moving steadily with prices firmly held throughout the list.

Chrome Colors.—Military requirements are still being met in zinc chromate yellow and both green and yellow chrome pigments as well as in molybdate orange but civilian orders continue to be held down to meager proportions. A report by "Facts for Industry" shows the production of chrome green C.P. for June to have amounted to 565,000 pounds, compared with 570,000 pounds for May while also setting forth the production of zinc chromate yellow for that month as reaching 2,444,000 pounds, against 2,930,000 pounds for May, and the output of molybdate orange, C.P. for that same month as aggregating 95,138 pounds, contrasted with 104,933 pounds for May.

Driers and Flatteners

Cobalt Driers.—WPB's Chemicals Bureau and the Census Bureau jointly report the production of these driers for June to have amounted to 517,858 pounds, having a cobalt content of 57,614 pounds, as compared with 598,997 pounds, with a cobalt content of 38,775 pounds, for May. Stocks of these driers on June 30 are reported by these bureaus to have shown an aggregate of 326,894 pounds, compared with 330,840 pounds on May 31.

Resinates.—Only a light inquiry is noted for these driers. The Defense Supplies Corporation is continuing to offer for sale a surplus lot of 255,000 pounds of precipitated manganese resinate, now held at the Norfolk Navy Yard.

Tallates.—As the door to the supply of naphthenates has been closed still tighter to paint and varnish makers, the latter are having recourse on a constantly increasing scale to the tallates which have proven satisfactory replacements for the naphthenates in nearly all instances.

Stearates.—These flattening agents continue to move in steadily expanding volume into consuming channels in the paint industry.

Lacquer Materials

Acetone.—With no abatement of the drain upon supplies, in satisfying the military and lend-lease requirements, there has been a further tightening of the situation insofar as the needs of non-military users are concerned. Even the hope for easing of the market through amplified production by means of more extensive employment of isopropyl alcohol has recently been eliminated by the diversion of this material to other war production purposes.

Ethylcellulose.—The supply available for civilian use is being held down to meager proportions by WPB's allocation control restrictions.

Methyl Acetate.—Although somewhat speedier in action than ethyl acetate and ethyl alcohol, which are in such scanty supply, this material is meeting with ready acceptance as an efficient solvent in the paint trade, since relatively sizable quantities of it have now become available with the temporary saturation of the U.S.P. grade needs.

Naval Stores

The markets for both gum turpentine and gum rosin have exhibited a stiffening movement within the past week, due in both instances to the realization that supplies are far from plentiful, even in the midst of the producing season, and the growing belief that materially higher price levels are warranted as stocks diminish with the waning of the period of greatest productivity.

Locally, only a small business was transacted for domestic consumption and export.

Turpentine.—The strong statistical position of gum rosin has been sufficiently recognized by traders on the Savannah exchange to bring about a slight markup of the price for this commodity to a level above the CCC parity of 78½ cents per gallon. All available offerings have been absorbed, as the demand has continued keen. Government holdings have been drawn down further, to the extent of 5,000 barrels additional, chiefly for retail distribution in small containers. These recent drafts have lowered the government holdings to the neighborhood of 175,000 barrels.

Savannah, Sept. 8.—Following is a record of the market for the week:—

	Bulk gallons— Cents.	Sales.	Barrels— Receipts.	Shipments.	On hand.
*Monday..	...	...	...	...	...
Tuesday ..	78¾	...	19	253	28,841
Wednesday.	78¾	6,050	137	204	28,774
Thursday..	78½	1,350	31	...	28,805
Friday ...	78¾	3,450	97	12	28,809

* Holiday, Labor Day.

Chicago, Sept. 8.—Call for turpentine is showing some improvement, and market values are holding at recently attained relatively high levels. Offerings are limited. Ruling prices are:—Five-drum lots, 92c. per gallon; five wood barrels, 97c.; single drums, 97c.; single barrels, $1.00.

Rosin.—Because receipts and offerings of gum rosin have continued light on the Savannah exchange, following the Labor Day holiday, and shipments have been held down materially by a brief-lived labor strike at the Savannah Naval Stores Yards, there has been a general stiffening of this primary market within the past week, arising from sharp competition among the distributors for the small supplies available to them. In the absence of the long-awaited permanent price ceilings, which it was feared would name levels much below those set forth in the temporary ceilings order, hope arose for the establishment of maximum price levels only slightly under those in the now-expired sixty-day order. Consumers' demands for all except the top grades of rosin have latterly been reaching only moderate proportions as virtually all the large consumers are better supplied than usual while others are unwilling to buy more extensively until issuance of the WPB order which is expected to limit consumer inventories beginning October 1.

Savannah, Sept. 8.—Following is a record of the market for the week:—

	Price per unit— Low of range quoted *Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$4.61	$4.61	$4.61	$4.61
D	...	4.78	4.85	4.90	4.90
E	...	5.28	5.32	5.34	5.35
F	...	5.32	5.35	5.38	5.38
G	...	5.33	5.35	5.38	5.39
H	...	5.33	5.35	5.40	5.40
I	...	5.33	5.35	5.40	5.40
K	...	5.35	5.36	5.40	5.40
M	...	5.35	5.36	5.40	5.40
N	...	5.70	5.72	5.75	5.76
WG	...	5.99	6.01	6.03	6.03
WW	...	6.05	6.07	6.10	6.10
X	...	6.05	6.07	6.10	6.10
		Drums			
Sales	...	138	246	73	203
Receipts	...	277	298	216	150
Shipments	...	100	102	208	359
Stocks	...	17,910	18,106	18,054	17,845

* Holiday, Labor Day.

Chicago, Sept. 8.—Extensive demand is noted for rosin. The market is firm and strong. Buyers are anxious to improve their positions. Ruling prices in five-drum lots are:—B grade, $6.36 per 100 pounds net; G grade, $7.10; M grade, $7.11; W.W. grade, $7.82.

Synthetic Resins

Ester Gum.—Because of the unabatedly heavy requirements of the Navy in navy specification 52G5A, for use in making 52P22 enamel, the placing of orders for this material, which carry high ratings, is restricting the supply of ester gum for non-military use considerably, although the raw materials employed in making this gum are virtually free from allocation control.

Chlorinated Paraffin.—Still in tight supply, albeit free from allocation control, chiefly because of the heavy demand for this material in resin form for flameproofing fabric for the Army and Navy.

A list of quotations on synthetic resins appears in this issue of OPD, beginning on page 33.

MANTONS CLAY USED LIKE
FULLERS EARTH
Coarse and Fine Grades
FOR OIL ABSORBING PURPOSES ON CEMENT AND WOOD FLOORS
Large Stocks Available
CLAYTON SHERMAN ABRASIVE CORP.
139 N. Clark St., Chicago 2, Ill.
PHONE RANDOLPH 8336

Varnish Gums

Asphaltum.—Moving in moderate volume, although supplies of several types are decidedly light. Greatest activity continues to be noted in manjak, gilsonite and petroleum base descriptions.

Copal.—With local stocks of Congo copal reduced to exceedingly small proportions, importers are eagerly awaiting promised arrivals of portions of the 3,000 tons, authorized for the second half of this year by the Combined Raw Materials Board at the source, on which allotments and licenses have been issued within the past three weeks.

Shellac.—With the approach of October 1, the date agreed upon for **returning importing operations** to private channels in the United States, importers are planning to make arrangements for obtaining as much of the 1944 Bysacki crop grades as are procurable, as this crop normally producing the bulk of the Indian lac, which, because poorer in quality than the other major crop, Kusmi, customarily used for the making of high-grade shellac, is best fitted for the production of white and orange cut shellac.

Glues and Binders

Casein.—Despite the continued lagging of domestic production, consumers are fairly well supplied with this material from the recent heavy importations of Argentine casein, provided that they are able to procure the necessary authorizations to buy from the Chemicals Bureau of WPB. As previously mentioned, however, import licenses, recently issued for approximately 6,300 tons of foreign casein for the September-December period should suffice to meet most requirements of the paper coaters, coldwater paint makers and plastic manufacturers. Prices on Argentine casein remain unchanged at 18c. to 18½c. per pound, while domestic grades continue to sell only slightly under the OPA ceilings.

Glues.—Although in receipt of more liberal supplies of gluestock, chiefly of foreign origin, manufacturers of hide and acidulated bone glues are still badly handicapped by lack of adequate manpower. Consumers are getting fairly liberal allocations but look for still better allowances by WPB in the fourth quarter.

Plastic, Coldwater Paint, Calcimine Sales: July

Sales of plastic and coldwater paints and calcimines, as reported by sixty manufacturers to the Bureau of Census for July, 1944, compared with the totals for the corresponding month of 1943:—

Plastic Paints

	Pounds	Value
*Total	590,458	$43,417

* Includes paste and dry powder plastic paints which cannot be shown separately without disclosing the operations of individual companies.

Coldwater Paints

	Pounds	Value
Exterior, lime or cement-bound	1,624,249	$122,528
casein-bound	444,157	26,881
Interior, casein-bound paste or semi-paste form	*351,375	398,346
dry-powder form	669,926	55,277
glue-bound	322,254	11,038

* Gallons.

Calcimines

	Pounds	Value
Hot-water	739,228	$31,891
Cold-water	1,350,316	66,501

Sales of these products for July, 1944, compared with those for June, 1943, were as follows:—

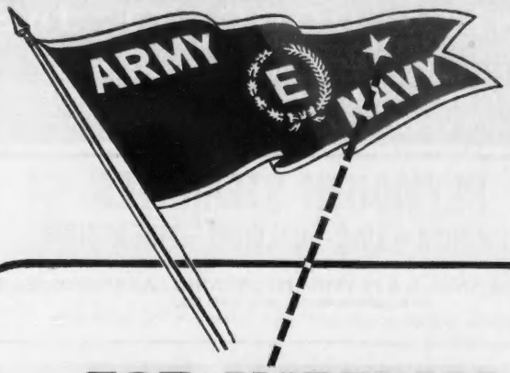
	1944	1943
Plastic paints.....lbs.	590,458	447,582
value.	$43,417	$33,677
Coldwater paints.value.	$614,090	$673,033
Calcimines .....lbs.	2,089,544	1,970,609
value.	$98,392	$90,593

Goodrich Forms Division For Returning War Veterans

The B. F. Goodrich Company, Akron, Ohio, has appointed Ernest P. Weckesser administrator to correlate all activities connected with the employment of returning veterans.

Levy with White Co.

Stanley A. Levy has been made general manager of the White Company, manufacturer of paint and allied products, Baltimore. He was formerly with the Atlantic Varnish & Paint Company, Richmond, Va.



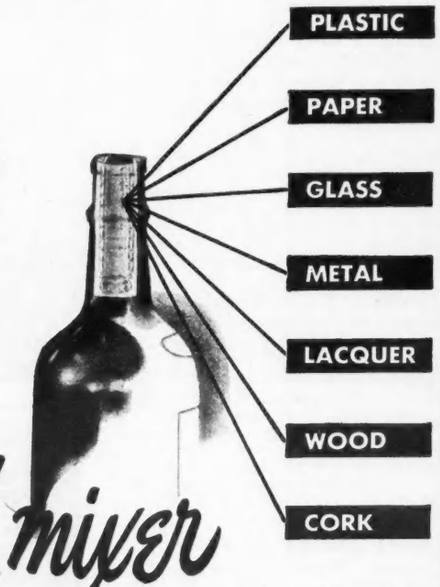
FOR IMPERIAL

...another Award for Excellence

A white ☆ has been added to our Army-Navy "E" flag...signifying a second citation for meritorious services on the production front.

IMPERIAL PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
Glens Falls New York

When an adhesive must be *a good mixer*



Rely on National's application research for an adhesive to give you a positive bond on a wide variety of surfaces.

Take any combination of surfaces — plastic, paper, lacquer, metal, cork, or what have you. Then adhere a revenue stamp to all with a **single** waterproof adhesive . . . a very versatile adhesive . . . a good mixer!

National's strip-stamp adhesive does just such a difficult surface variety job. Yet it's only one of National's large family of resin adhesives that's bonding everything from lampshades to luggage, bomb rings to bandage boxes — successfully.

Whatever your specific combination of conditions may be — the surfaces, application methods, field considerations — National, as a pioneer in industrial as well as laboratory research, can simplify and speed-up your regular run of work, and meet new problems as they arise. Your inquiry is invited — NOW!

Offices: 270 Madison Avenue, New York 16; 3641 So. Washtenaw Avenue, Chicago 32; 735 Battery Street, San Francisco 11, and principal cities.

national ADHESIVES

EVERY TYPE OF ADHESIVE *FOR EVERY TYPE OF ADHESION*

R.W. Greeff & Co. Inc. RWG New York U.S.A.

INDUSTRIAL AND PHARMACEUTICAL *Chemicals*

ALLYL ALCOHOL
ALLYL CHLORIDE

Production facilities are now being increased. Inquire for further information.

Selling Agent for

SHELL CHEMICAL

Division of
SHELL UNION OIL CORPORATION

R.W. GREEFF & CO.

10 ROCKEFELLER PLAZA, NEW YORK CITY
TRIBUNE TOWER, CHICAGO, ILL.

STANLEY DOGGETT, Inc.
ESTABLISHED 1878
MANUFACTURERS and IMPORTERS
DRY COLORS OF MERIT—QUALITY PIGMENTS
75 VARICK STREET, NEW YORK

PLYMOUTH STEARATES
ALUMINUM—ZINC—CALCIUM—MAGNESIUM
Established Qualities Manufactured for thirty years by
H. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc
29 Beekman Street, New York City
DISTRIBUTORS: THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO., AND BRANCHES

DIRECT IMPORTERS AND EXPORTERS
CONSIDER IN YOUR PRODUCTION
SHELLAC
ORANGE · BLEACHED · DEWAXED · A and R FREE
OUR PRICES ARE ALWAYS COMPETITIVE
Consult SCHWAB BROTHERS CORP.
102 MAIDEN LANE, NEW YORK 5, N. Y.
CHICAGO AGENT: JAS. H. FURMAN CO., 310 SOUTH MICHIGAN AVENUE, CHICAGO 4, ILLINOIS

Volclay
MOST COLLOIDAL
BENTONITE
VOLCLAY WYOMING BENTONITE
Granulated or air-floated
B C VOLCLAY
Micron-sized powder for pharmaceuticals
K W K VOLCLAY
Disperses easily in water
PANTHER CREEK
Non-swelling Southern Bentonite
AMERICAN COLLOID COMPANY
361 West Superior Street, Chicago 10, Illinois
MINES AND PLANTS IN THREE STATES

IRON OXIDE PIGMENTS
SYNTHETIC
NATURAL
Meeting Specifications of
ARMY ★ NAVY
MARITIME COMMISSION
FEDERAL SPECIFICATIONS BOARD
and other
GOVERNMENT AGENCIES
REICHARD - COULSTON, Inc.
15 EAST 26TH STREET · NEW YORK CITY

No. 8 Can Filler
Fills liquids or semi-Fluids into Tubes, Cans or Jars at the rate of thirty containers per minute
Used in leading plants for filling Varnish and Enamels
We make Filling Machines for every purpose
ARTHUR COLTON CO.
2624 East Jefferson Ave., Detroit, Michigan

STANDARD
"THE ORIGINAL SYNTHETIC SOLVENT MANUFACTURERS"
You Can Use
ISOPROPYL ALCOHOL
SUPPLIES AVAILABLE
Recommended for lacquers, resins, laminating varnishes, body rubs, vitamin B1 preparation, sterilizing solutions, liniments and many additional applications.
Isopropyl Alcohol is on allocation and necessary forms will be gladly furnished.
STANDARD ALCOHOL CO. 26 BROADWAY NEW YORK

Special Sales Rule From Inventories' Set

OPD Washington Bureau

Holders of idle and excess stocks of controlled materials are permitted to make special sales to persons who have been authorized to produce civilian goods under the "spot authorization" procedure, the War Production Board has announced. This was done by issuing direction No. 1 to Priorities Regulation No. 13. Special sales are those made by a person who holds idle or excess materials in a form in which he does not, as a general rule, sell them.

Persons authorized to produce civilian goods under the "spot authorization" procedure will be granted the right to use an allotment symbol, the initial letter of which will be "Z." Persons holding idle and excess stocks of controlled materials will be able to sell them to persons having such an allotment symbol.

Pittsburgh Plate Glass Promotes Two Auditors

R. W. Mothershed, chief warehouse auditor for the Pittsburgh Plate Glass Company, and A. W. Smiley, general auditor, have been appointed assistant comptrollers of the company.

Mr. Mothershed began with the company in 1918. Since 1937 he has acted as general supervisor of all traveling auditors throughout the company's branch warehouse system. Mr. Smiley has been with the company fifteen years. Since 1942 he has been general auditor of all company operations except those of the commercial department.

G.E. Resin Advertising Supervisor Sullivan

The appointment of Brendan Sullivan as advertising supervisor of General Electric's resin and insulation materials division in Schenectady has been announced by E. L. Feininger, division manager. Until recently Mr. Sullivan had his headquarters in Bridgeport where he worked on the promotion of resin and insulation materials, tungar and metallic rectifiers, and for a short while on fluorescent accessories. He has been with the company for two years.

Interlake Chemical Buys Central Process Corp.

Interlake Chemical Corporation has acquired Central Process Corporation, Forest Park, Ill. Interlake Chemical is wholly owned by Interlake Iron Corporation and Great Lakes Steel Corporation, a division of National Steel Corporation. Central Process has developed a line of synthetic resins and plastic materials for the aircraft, insulation, plywood, radio and plastics industries.

Synthetic Resins Booklet Issued by American Cyanamid

The American Cyanamid & Chemical Corporation is distributing a new booklet, "Characteristics — Cyanamid Synthetic Resins." The booklet gives complete tabular data on 'Rezyl,' 'Beetle,' 'Melmac,' 'Teglac' and 'Phenac' resins and 'Aero' brand ester gum. Copies may be obtained by writing the company at 30 Rockefeller plaza, New York.

New England Paint Club Annual Meeting Sept. 14

New England, Paint, Varnish and Lacquer Association will hold its annual meeting at the Woodland Golf Club, Newton, Mass., September 14. Annual reports of officers and committee chairmen will be presented, followed by the election of officers. Golf will be played all day.

Loomis Talc Elects A.P. Loomis President

A. Prescott Loomis has been elected president and treasurer of the W. H. Loomis Talc Corporation, Gouverneur, N. Y. Other officers elected were:—Vice-president, R. Frank Atkinson; secretary, Joseph A. Baumert; assistant secretary and assistant treasurer, Margaret L. Storie.

C-D-I-C Club to Meet

Cincinnati-Dayton - Indianapolis-Columbus Paint and Varnish Production Club will hold a meeting in the Claypool hotel, Indianapolis, September 11.

Color Classes at Columbia

Evening classes in color in industry will be started at Columbia University, New York, October 4. Registration will be open September 21 to 27; tuition fee, $37.50; university fee, $5. The classes will be conducted Wednesday evenings by Lorain Fawcett, of the Allcolor Company; they will be based on the Munsell system of color notation and its application to the graphic and industrial fields.

SICO
Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products
STANDARD
ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

LIMEOLITH
Precipitated
Calcium Carbonates
We offer a complete list of LIMEOLITH for paint, rubber, glass, cosmetics, feed and other uses. Guaranteed minimum of impurities and moisture assure easy use.
★N Neutral LIMEOLITH
★C Coated LIMEOLITH
★R Regular LIMEOLITH
We also furnish specially treated and extra fine grades. Write today for free samples and prices, stating requirements.
Manufactured by
KANSAS CITY LIMEOLITH CO.
2915 SOUTHWEST BLVD.
KANSAS CITY, MO.

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

Oils, Fats, and Waxes

Withdrawals of oils and fats on allocations accounted for the main activity in the market during the week. Conditions continued on a firm basis and prices were maintained at ceilings. Increased production costs for stearic acid resulted in a fractional advance.

Consumers were manifesting more interest in future needs. Inquiry showed improvement for new crop cottonseed oil, with business still restricted to scattered sales, due to reluctance of crushers to offer sizeable quantities. This hesitancy was predicated on the slow movement of seed to mills, because of rain. Soybean oil also was attracting more attention for future requirements, with trading of sizeable quantities transacted for forward delivery.

Lower production of inedible fats combined with a strong situation in hogs has stimulated the market for lard, tallow and grease, with the result that prices are firmly held at the ceilings.

The situation in linseed oil remains strong, especially in the East, where limited holding of seed may not prove sufficient to operate mills until the new season's supply is available.

War Food Administration announced that processors shall set aside 20 percent of the production of cottonseed, soybean, linseed and peanut oil meal, cake or pellets during the month of October, 1944. The amount of these products set aside shall not include any oil meal produced for the Commodity Credit Corporation under the provisions of contracts designated as CCC soybean 106, 1943 crop.

Vegetable Oils

Oiticica.—The market continued inactive. Stocks on the spot were recently replenished, but the bulk of receipts were delivered against prior contracts. Prices were unchanged and steady. Interest in nearby deliveries was light, but offerings for shipment were scarce and affected by the scarcity of steel drums.

Olive.—Importers have not as yet received terms and prices for shipments of oil from Spain. Buying interest was active, but business was held up because of lack of offerings.

Palm.—Receipts totaling 889 tons were reported for delivery on previous contracts.

Palm Kernel.—Receipts of 29,208 bags of nuts were reported for crushers' accounts.

Tucum.—Crushers received some 3,615 bags of kernels against previous contracts.

Atlanta, Sept. 6.—Harvesting peanuts and cotton in the lower South is under way. The "bottom" crop of cotton is reported fair to good. The immature "top crop" is threatened by a rapidly growing boll weevil infestation and by outbreaks of the leaf worm.

Flaxseed

First run of new seed from the 1944 flax crops in the Northwest indicated an iodine value approximating 175 and 185, according to the Flax Institute of the United States. The institute feels that this high iodine value reflects its planned program of education among the growers.

Minneapolis, Sept. 6.—A sharp decline in cash flax receipts at Minneapolis last week occasioned a sharper demand for the occasional car of flax arrival on a "free" basis. Most of the arrivals were applied on previous sales, but country shipments were curtailed because of rains in the harvest belt last week. Reports from the Red River Valley district and other parts of North Dakota indicated that much flax was standing in the fields as heavy rains came, delaying harvest and causing deterioration of quality.

Crop movement in bushels follows:—

	Receipts		Shipments	
	1944	1943	1944	1943
This week	724,500	2,497,500	133,500	315,000

The week's closing flaxseed price range was as follows:—

	Cash	Sept.
Saturday	$3.10	$3.10
Monday	3.10	3.10
Tuesday	3.10	3.10
Wednesday	3.10	3.10
Thursday	3.10	3.10
Friday	3.10	3.10

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

Acid, stearic, ½c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914.)

Last week.	Prev. week.	Last month.	Last year.
192.7	192.4	192.7	195.4

Buenos Aires, Sept. 8.—Flaxseed shipments to United Kingdom were 244,000 bushels; to Continent 98,000 bushels and other points 16,000 bushels during the week. Visible supply was estimated at 4,528,000 bushels. Flaxseed for export was quoted at $2.26½ per bushel, U. S. funds; Rosaria, $2.17⅜ per bushel.

Hull, Sept. 8.—Bombay, September, £33½, nominal; Calcutta (no quotations); La Plata,, September, £28 per ton, nominal.

Linseed Meal

Inquiry for meal continued active. Production sold well ahead. Light offerings promptly absorbed.

Minneapolis, Sept. 6.—Demand for meal was fair to good in all areas, crushers having no difficulty in disposing of every pound they could produce. The record crush of flaxseed during the past year failed to satisfy the demand and crushers are looking forward to an acute situation during the coming months.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	9,720,000	11,040,000

Linseed Oil

Firmness featured this market, irrespective of the light trade during the week. Sales were mainly for less than car lots, with occasional car lots moving at ceilings. Raw oil was well held at 14.7c. per pound, in tankcars and tankwagons. While the volume of new business was light, steady improvement was in evidence in withdrawals of oil against standing contracts. Users were not showing much interest in nearby and early next-year requirement, in view of the possibility of an early settlement of the European war. This also was true concerning the purchase of other drying oils.

Reports from the Northwest stated shipments of flaxseed were curtailed owing to heavy rains in the harvest belt last week, which damaged standing flax and caused deterioration of quality.

Production of linseed oil in July totaled 98,645,000 pounds; consumption, 45,566,000 pounds, and factory and warehouse stocks, July 31, were 320,267,000 pounds, according to the Bureau of Census.

Minneapolis, Sept. 6.—Purchases were limited to small lots for nearby shipment during the period, buyers taking an indifferent attitude toward all but the most urgent immediate supplies.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	8,160,000	5,700,000

Cottonseed Oil

Trading in futures continued light, with sales of July oil made at 13.30c. per pound, a new season's low for this month.

Demand for refined oil continued in good volume on allocations and the market was firm at ceilings. According to the Bureau of Census consumption of refined oil in July totaled 75,746,000 pounds against production of 25,138,000 pounds. Stocks at factories and warehouses on July 31 were 241,270,000 pounds.

Inquiry for new-crop crude oil has increased, but reports from the South state that trading was still limited due to the slow movement of seed to the mills. Rains have delayed picking and ginning.

The hog market continued strong under an active demand which has absorbed offerings at ceilings.

Lard stocks in Chicago on August 31 totaled 50,816,041 pounds as compared with 63,116,928 pounds August 1 and 56,564,660 pounds August 31, last year.

Bleachable oil prices follow:—

	Cents per pound in tanks		
	High.	Low.	Close.
September	....	....	14.31 nom.
October	....	....	14.00 nom.
December	....	....	13.70 nom.
March	....	....	13.35-13.50
May	....	....	13.25-13.40
July	13.35	13.00	13.25-13.40

Total sales, 7.

Cash, 14.31c. nom.

Crude, Southeast, 12¾c.; Valley, 21¾c.; Texas, 12c. (all ceiling prices).

Wm. Diehl & Co.

CANDELILLA WAX

CARNAUBA WAX
High M. P. Substitute

OURICURY WAX

SHELLAC Orange Bleached

332 W. 42nd St., New York 18, N. Y.
Phone: BRyant 9-5211

STEARIC ACID

OLEIC ACID
(Red Oil)

DISTILLED
FATTY ACIDS
Animal
and
Vegetable

RUFATS
(Hydrogenated Fatty Acids)

WILSON & CO. INC.
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

STEARIC ACID

Single Pressed and Double Pressed

Available in either cake or flake form

Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)

RUBY OLEINE BRAND (*distilled*)
STAR BRAND (*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
Commerce Building,
155 East 44th St., New York City
Branches and stock in all large cities

THE BRODE CORPORATION
MEMPHIS, TENNESSEE

Domestic and Export
PRODUCTS OF COTTONSEED, PEANUTS, SOYBEANS and GROUND GRAINS
Members: Memphis Merchants Exchange, Chicago Board of Trade, Grain and Feed Dealers National Association, American Feed Manufacturers Association, Inc., National Cottonseed Products Association
Codes: Yopps Robinsons, Bentleys ABC, 5th Edition Peerless

QUALITY SERVICE
Manufacturers Since 1837

DISTILLED
STEARIC ACID
Single, Double and Triple Pressed
Cake, Flake and Powdered

DISTILLED
OLEIC ACID
(*Red Oil*)
Light Color, Various Titres,
Barrels, Drums and Tankcars

WHITE OLEINE
U. S. P. Specifications Guaranteed

88% SAPONIFICATION
CRUDE GLYCERIN
TALLOW FATTY ACIDS

CONCEDED HIGHEST QUALITIES

A. GROSS & CO.
Sales Office: 295 Madison Avenue, New York 17, N. Y.
FACTORY: NEWARK, N. J.
AShland 4-8250 Cable: Grossray

OPD—9-11-1944 53

Memphis, Sept. 7.—Frequent showers continued to delay picking and ginning. Trading in crude cottonseed oil spotty and scattered, with buyers showing more interest. Cottonseed meal in good demand with no selling pressure.

Cake and Meal

Due to the sold-up production of linseed meal, offerings for prompt delivery continued scarce. Demand also was active and unsatisfied. Interest in future requirements has improved, with crushers reluctant to offer except for nearby delivery. Trading in new-crop cottonseed cake and meal was light though buyers were manifesting increased inquiry. Offerings were meager.

Fatty Acids

Owing to an active demand for stearic acid combined with the tighter supply situation in pressing stock, producers advanced prices of stearic acid ½c. per pound. Single pressed was increased to 15⅝c. per pound, double pressed 15⅞c., and triple pressed to 18⅝c., in bags, car lots. Lesser quantities commanded the usual premiums.

The reduction in red oil of ½c. per pound the week previous brought out an improved inquiry, though trading was still limited.

Other fatty acids were in good request with prices unchanged and well held.

Fats and Greases

Grease.—With production reduced and sold well ahead, the market continued in a firm position. Inquiry for the higher grades was active and sales were transacted at ceilings, while poor quality grease was reported available below ceilings.

Tallow.—An active demand readily absorbed offerings, and trading was restricted due to the scarcity of available stocks. Market was firm at ceilings.

Fish Oils

Cod.—Production of cod oil during July amounted to 59,000 pounds, consumption, 705,000 pounds and factory and warehouse stocks on July 31 totaled 4,738,000 pounds, according to the Bureau of Census preliminary figures.

Menhaden.—Interest in refined oil was quiet. Prices were unchanged and steady. Menhaden fishing catch was reported poor last week and to date the season has been one of the worst in years.

Baltimore, Sept. 6.—The menhaden fishing in the Chesapeake Bay and outside of the Virginia capes continues poor, a state of affairs that has persisted almost since the opening of the season. The hauls to date have been small, while the fish themselves are not of such size as to yield an expected volume of oil. Moreover, the demand for oil appears to have vanished, with offers bringing out no bids, especially from the big buyers.

Los Angeles, Sept. 6.—British Columbia reports 14,468 tons of pilchard landings this year to August 26, and 452,600 imperial gallons of oil for the same period. California Sardine Products Institute reports 21,416 tons of sardines delivered to processing plants for northern California season to date. Sales of crude sardine oil were made at 66.75c. per gallon, bulk, San Francisco.

Waxes

Firm conditions continued to feature the wax market, although trading was dull and featureless during the week. Quotations ruled steady at ceilings for all varieties with the exception of candelilla. Trading in carnauba was light

—*Continued on page 55*

Fats, Oils Output, Consumption: June

The preliminary statistics of the factory production and consumption of animal and vegetable fats and oils for June, 1944, as compiled by the Bureau of Census, follow:—

	Pounds	
	Production	Consumption
Babassu, crude	[2]	[2]
Refined	[2]	[2]
Castor, No. 1, crude	10,243,000	11,815,000
No. 3, crude	3,049,000	3,837,000
Dehydrated	6,101,000	6,186,000
Sulphonated	.....	495,000
Chinawood or tung oil	.....	760,000
Coconut, crude	17,652,000	13,633,000
Refined	5,334,000	5,369,000
Corn, crude	16,637,000	16,858,000
Refined	15,253,000	5,823,000
Cottonseed, crude	22,548,000	47,316,000
Refined	43,871,000	91,705,000
Linseed	87,729,000	48,952,000
Olive, edible	.....	63,000
Inedible	.....	25,000
Sulphur oil or olive foots	.....	167,000
Oiticica	[2]	882,000
Palmkernel, crude	.....	[3]
Refined	.....	.....
Palm, crude	.....	5,415,000
Refined	[3]	[3]
Peanut, crude or virgin[1]	8,805,000	8,436,000
Refined	7,858,000	4,304,000
Sesame	.....	105,000
Soybean, crude	96,298,000	102,145,000
Refined	95,050,000	86,525,000
All other	1,240,000	2,189,000
Animal Fats		
Lard, rendered (including neutral lard and rendered pork fats)	220,505,000	14,658,000
Neatsfoot oil	124,000	338,000
Tallow, edible	6,911,000	12,014,000
Inedible	80,895,000	86,693,000
Fish Oils[4]		
Codliver oil	21,000	820,000
Cod oil	41,000	939,000
Marine mammal oil	31,000	1,157,000
Other fish oil except liver oil	[5]11,965,000	12,384,000
Other liver oil	870,000	596,000
Greases		
Greases (including garbage and house), other than wool	57,500,000	56,542,000
Wool grease	1,638,000	1,492,000
Secondary Products		
Animal fat and oil fatty acids	16,906,000	20,203,000
Animal foots, 100% basis	2,089,000	2,435,000
Fish and marine mammal fatty acids	2,692,000	457,000
Grease and lard oil	3,935,000	3,941,000
Oleo oil	4,276,000	1,686,000
Red oil or oleic acid	7,195,000	5,077,000
Stearic acid	4,692,000	3,907,000
Foots, from fish and marine mammal oil (100% basis)	.....	93,000
Stearin, animal, edible	2,498,000	2,862,000
Inedible	2,341,000	1,609,000
Stearin, vegetable oil, winter	7,449,000	5,706,000
Tallow oil	1,445,000	870,000
Vegetable oil fatty acids from foots and other than from foots including fatty acids from tall oil, palm oil, refuse, etc	10,090,000	9,900,000
Other Products		
Glycerin, chemically pure (100% basis)	7,173,000	6,579,000
crude (100% basis)	15,931,000	15,678,000
high gravity and yellow distilled (100% basis)	7,452,000	6,488,000
Hydrogenated oils, edible	92,533,000	93,514,000
Inedible	18,168,000	27,794,000
Shortening	100,089,000	285,000
Winterized vegetable oils	29,854,000	14,228,000

[1] Bureau of Agricultural Economics collected the data from peanut oil producers.
[2] Included in "All other" vegetable oils.
[3] Not shown to avoid disclosure of individual operations.
[4] Fish and Wildlife Service collected the data from fish oil producers.
[5] Includes 11,560,000 pounds of herring, sardine and pilchard, and 10,665,000 pounds of menhaden for July, and corresponding figures for June are 2,518,000 and 9,107,000.

UNITOL
THE REFINED TALL OIL
HIGH IN FATTY ACIDS AND ROSIN ACIDS
Now successfully used by many manufacturers of
PAINTS - SOAPS - DETERGENTS - DISINFECTANTS
and numerous other products
PROMPT DELIVERIES LOW COST
SAMPLE AND INFORMATION UPON REQUEST
UNION BAG & PAPER CORP.
BY-PRODUCTS DEPT.
2166 WOOLWORTH BLDG. NEW YORK 7, N. Y.

W. C. HARDESTY CO.
41 EAST 42nd STREET • NEW YORK 17, N.Y.
Now Available in Large Quantities
PALM OIL FATTY ACIDS
RED OIL STEARIC ACID
Saponified and Distilled
HYDROGENATED FATTY ACIDS
(HYDREX)
Cottonseed Oil Fatty Acids Corn Oil Fatty Acids
Specialty Fatty Acids
Glycerine — Pitch — White Oleine
FACTORIES
DOVER, OHIO · LOS ANGELES, CALIF. · TORONTO, CANADA

CROSBY
THE MARK OF QUALITY
PINENE
PINE OILS
DIPENTENE
B WOOD RESIN
FF WOOD ROSIN
ALPHA TERPINEOL
TERPENE SOLVENTS
PALE WOOD ROSINS
(All grades from I to X)
LIMED WOOD ROSINS
RESINOUS CORE BINDER
STEAM DISTILLED WOOD TURPENTINE
CROSBY NAVAL STORES, Inc.
PICAYUNE, MISSISSIPPI

DARLING'S
PEARL-STEARIC
A FREE-FLOWING STEARIC ACID IN BEAD FORM
•
Measures, Weighs, Mixes and Melts Quickly
Also
Slab Stearic Acid
Oleic Acid
Red Oil
Fatty Acids
Glycerine
Pitch—and
Special Fatty Acids for Rubber Compounding
DARLING & COMPANY *Manufacturers*
4203 South Ashland Avenue • Chicago

Oils, Fats, and Waxes

—*Continued from page 54*

and spotty on spot at ceilings, while offerings for shipment from Brazil were limited and firmly held.

Interest in candelilla was restricted and sales went through at prices below ceiling both for spot and prompt shipment from primary centers. Spot stocks were quoted at 34½c. to 35c., depending upon quantity.

Trading in ouricury lacked snap, but a steady tone prevailed on the spot and for shipment.

Spot stocks of beeswax were practically nil. Offerings from producing centers continued scarce and the market was entirely nominal.

Protective Coatings

—*Continued from page 5*

after September 20, 1944, no producer may deliver critical coatings unless all the following conditions have been met:—

Labeling

(1) If the critical coatings are packaged in containers of 5-gallon capacity or larger, the producer must have labeled all such containers, "Contents subject to WPB Order M-382." This statement must be plainly visible and easily readable on the containers.

End-Use Certificates

(2) The producer must have received from the person accepting delivery of the coatings, the end-use certificate set forth in Appendix A. The person ordering protective coatings from a producer may not know that the coatings he wants are critical coatings. When such is the case, the producer must advise that person to furnish a certificate.

Raw Materials

(3) The producer must have received War Production Board authorization under the applicable M orders listed in paragraph (a) (2), relating to each of the allocated raw materials contained in the critical coating. In other words, the necessary quantity of each allocated ingredient must have been previously authorized for the specific coating for the specific end use certified.

Current Market Quotations

—*Continued from page 33*

Whiting, chalk, wet-ground, bgs., c.l. ton 21.00 - 25.00
l.c.l. ton 25.00 - 29.00
gilders, bolted, bgs., c.l. ton 20.00 - 24.00
l.c.l. ton 21.00 - 25.00
extra-bolted, bgs., c.l. ton 22.00 - 26.00
l.c.l. ton 23.00 - 27.00
Paris white, bgs., c.l., ton 24.00 - 28.00
l.c.l. ton 25.00 - 29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works. ton 6.00 - —
smaller lots, N.E., wks. ton 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l. ton 9.35 - 10.10
200 mesh, bgs., c.l. ton 8.60 - 9.50
99%, bgs., c.l. ton 6.25 - 7.00
water-floated, extra gilders, bgs., c.l. ton 13.00 - —
gilders, bgs., c.l. ton 12.45 - —
putty grade, bgs., c.l. ton 12.00 - —
Precipitated, bgs., c.l. ton 14.00 - 15.00
l.c.l. ton 16.00 - 20.00
Wild cherry bark, thick, bls. lb. .06 - .07
thin, bls. lb. .18 - .19
rossed, green, bls. lb. .23 - .24
Wild indigo root, bls. lb. .18 - .19
Witch-hazel extract, dist., NF, bbls. gal. .70 - .75
Leaves, bls. lb. .10 - .12
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y. ton 20.00 - —
60 mesh, same basis ton 24.00 - —
80 mesh, same basis ton 27.00 - —
100 mesh, same basis ton 30.00 - 32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs. lb. .20 - .28
Levant lb. 6.50 - —
Wormwood, bls. lb. .50 Nom.

X

Xylene (see Xylol).
Xylol[6] (xylene), indus., dms., return., works gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal. gal. .27 - —
West, Minnequa, Col. gal. .27 - —
10°, dms., return, works gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal. gal. .30 - —
5°, dms., return, works gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal. gal. .37 - —
8°, dms, return, works gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal. gal. .42 - —
Xylol petroleum solvent, ret. dms., NC, N. J. gal. .26 - —
Xylidin, mixed, dms. lb. .35 - .36

Y

Yara yara, cryst., bots., cns. lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms. lb. .35 - —
90 B units, dms. lb. .45 - —
200 B units, dms. lb. .50 - —
300 B units, dms. lb. .60 - —
Yellow, bensidin, bbls., dlvd. lb. 1.35 - 2.25
Cadmium, CP, import, bxs. lb. 1.35 - 1.40
Yellow, chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts lb. .16 - —
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls. lb. .08 - .11
Hansa, bbls., same basis as chrome. lb. 1.37 - —
primrose, bbls., same basis lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies lb. .55 - —
smaller lots, same basis lb. .65 - —
Sulphide, orange, cs., kgs., works lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots lb. 1.85 - —
Ocher, American, golden, bbls., works lb. .04½- .06¼
yellow, bbls., works lb. .02 - .02¼
French type, bbls., c.l. lb. .0345- —
l.c.l. lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa. lb. .04½- —
l.c.l., same basis lb. .05 - —
synth., bbls., c.l., works lb. .07 - —
l.c.l., works lb. .071 - —
Persian orange (see O).
Zinc,[4] bbls., same basis as chrome lb. .15 - —
Navy spec. type, bbls., contracts lb. .15 - —
Yellow dock root, bls. lb. .38 - .40
Yellow xanthorrhiza lb. .25 - .30
Yerba santa leaves, bls. lb. .24 - .25
Yohimbine hydrochloride, vls. oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works lb. .25 - —
smaller lots, works lb. .30 - —
Zinc acetate, tech., bbls., dlvd. lb. .16 - .17
USP, bbls., 250 lbs. lb. .26 - .27
kgs., 100 lbs. lb. .29 - —
Arsenite,[2] bgs., c.l., frt. alld. E. of Rockies lb. .11¾- .13½
l.c.l., same basis lb. .12¾- .13¾
Borate, bgs., c.l. lb. .12 - —
l.c.l. lb. .12½- —
Carbonate, tech., bbls. lb. .14 - .20
USP, precip., powd., bbls. lb. .35 - —
dms. lb. .40 - —
kgs. lb. .37 - —
Chloride, tech., fused, dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., works, 100 lbs. 5.35 - —
gran., dms., c.l., works, 100 lbs. 5.75 - —
l.c.l., works, 100 lbs. 6.50 - —
USP, dms. lb. .30 - .31
jars lb. .35 - .36
solution, 50%, dms., c.l., works lb. .0315- —
l.c.l., works lb. .04¼- .04½
tanks, works lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works lb. .33 - .37
Dust,[6] bbls., c.l., dlvd. lb. .1035- —
l.c.l., works lb. .1135- —
Fluoride, bbls. lb. .25 - .30
Iodide, NF, bots. lb. 4.54 - —
jars lb. 4.40 - —
Metal,[1,2,4] (quotations in Paint Market report).
Naphthenate, 8%-10% Zn, 50-gal. dms. lb. .16 - .19½
Laurate, bbls. lb. .32 - .33
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd. lb. .07½- —
American process, com'l, lead free,[6] bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd. lb. .07½- —
leaded, 5%, bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd. lb. .07½- —
35% or more, bgs., c.l., dlvd. lb. .07 - —
l.c.l., dlvd. lb. .07¼- —
French process, com'l, lead free,[6] bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd. lb. .07½- —
green seal, bgs., c.l., dlvd., lb. .09 - —
l.c.l., dlvd. lb. .09½- —
red seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd. lb. .08¾- —
white seal, bgs., c.l., dlvd. lb. .09¼- —
l.c.l., dlvd. lb. .09¾- —
USP,[6] 50-lb. cnrs., c. lb. .10¼- —
l.c.l. lb. .10¾- —
Zinc oxide in bbls., ¼c. higher; Pac. cst., c.l., dlvd., and l.c.l. ex whse., ½c. higher.
Resinate, 8.7% Zn, 100-lb. dms. lb. .14½- —
fused, pale, bbls. lb. .11 - .12
precipitated, dms., dlvd. lb. .15 - —
Silicofluoride, bbls. lb. .15 - .18
Stearate, tech., ctns., c.l., frt. equald. lb. .29 - —
ton lots, frt. equald. lb. .30 - —
smaller lots, frt. equald. lb. .31 - —
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l., works, frt. alld. 100 lbs. 3.40 - —
l.c.l. 100 lbs. 4.15 - —
flake, bgs., c.l. 100 lbs. 3.80 - —
l.c.l. 100 lbs. 4.55 - —
powd., bgs., c.l. 100 lbs. 5.35 - —
l.c.l. 100 lbs. 6.10 - —
Zinc sulphate in bbls., 25c. higher.
Sulphide,[1,5] pure, bgs., c.l., dlvd. lb. .08¼- —
l.c.l., dlvd. lb. .08½- —
bbls., c.l., dlvd. lb. .08½- —
l.c.l., dlvd. lb. .08¾- —
barium pigment, bgs., c.l., dlvd. lb. .0560- —
l.c.l., dlvd. lb. .0585- —
calcium pigment, bgs., c.l., dlvd. lb. .0560- —
l.c.l., dlvd. lb. .0585- —
fluorescent, pigment, works, frt. alld. lb. .90 - 1.00
magnesium pigment, bgs., c.l., dlvd. lb. .05¾- —
l.c.l., dlvd. lb. .06 - —
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.
Sulphocarbolate, NF, bbls., dms., lb. .28 - .31
Tallate, 5% Zn, 50-gal. dms. lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works, 100 lbs. 5.65 - —
l.c.l., works, 100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld. lb. 2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd. lb. .06 - —
l.c.l., dlvd. E. of Rockies. lb. .06¼- —
dlvd. Pac. cst. lb. .06½- —
Zirconium hydride, cns., works. lb. 7.00 - 8.00
Nitrate, kgs., works lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works ton 75.00 - 100.00
white, 99%, grd., kgs., works. lb. 1.80 - 2.00
ex whse., Pac. cst. lb. .07 - —

SUN BLEACHED

Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E-9 Syracuse, N.Y.
Established 1855
Spermaceti Red Oil Glycerine
Ceresine Stearic Acid

WARRANTED PURE BEES WAX

The best that can be produced. It is 100% PURE BEESWAX and measures up to all the requirements of the U. S. P.
SPECIFY TL BRAND
BEESWAX
THEODOR LEONHARD WAX CO., INC. (Dept. A)
Haledon ESTABLISHED 1852 Paterson, N. J.

AMCON
AMORPHOUS WAXES
For Laminating Paper
Melting Points 126° F. to 170° F.
COLOR: DARK AMBER
PETROLEUM SULPHONATES
AMCON TRADING CORPORATION
29 BROADWAY NEW YORK 6, N. Y.

Prompt Delivery— Drums, Barrels Or Tank Cars
TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL
INDEPENDENT MFG CO.
Bridesburg P.O. Philadelphia, Pa.

Manufacturers of Metal Shipping Containers for over 25 years . . . . .
THE F. C. THORNTON CO.
6712 Union Avenue Cleveland, Ohio

OPD—9-11-1944 56

Fleischmann's HY-DEE

Irradiated Yeast Powder...

PER KILO
24,000,000 U.S.P. units of Vitamin D

PER GRAM
24,000 U.S.P. units of Vitamin D

PER GRAIN
1,500 U.S.P. units of Vitamin D

. . . has found immediate acceptance in the pharmaceutical and food fields because:

1. Being a dry powder, it is easily incorporated as an ingredient for tablets, capsules and dry mixtures of all types.

2. It has proven to be as stable as any available form of Vitamin D_2.

3. Only ⅓ of a grain is necessary to furnish 500 U.S.P. units of Vitamin D.

For further information write to

STANDARD BRANDS INCORPORATED

Pharmaceutical Division

595 Madison Avenue New York 22, N. Y.

Drugs and Fine Chemicals

Market Trends

Prices Advanced

None

Prices Reduced

Glycerin, high gravity, ¼c. per lb. yellow distilled, ¼c. per lb.

Comparative Price Indexes

(100=August 1, 1914.)

Last week.	Prev. week.	Last month.	Last year.
239.4	239.4	239.5	241.0

The foremost price feature in the market for drugs and fine chemicals last week was a further shifting of prices on high gravity and yellow distilled glycerin. Chemically pure glycerin of both USP and BP specifications was left unchanged, as also was dynamite glycerin. During the period, the Bureau of the Census released its June figures on synthetic and natural methanol production and stocks. Bismuth chemicals were reported in easy supply but the War Production Board said there was no immediate prospect of allocation being lifted. WPB also indicated that a limited supply of rotenone had been made available for the manufacture of insecticide preparations. Demand in the market as a whole was fair but there had been quite a slowing down of activity of late and the more limited confines of commercial activity were still in evidence during the period under review.

Sellers of glycerin reduced quotations on high gravity material, the reduction bringing that article to the same price basis as that for dynamite glycerin. Also, the price of yellow distilled glycerin was reduced. The developments were complicated by a false report that prices on chemically pure had been reduced further.

Production of methanol was less in June than it had been in May, but stocks of both synthetic and natural material were larger on June 30 than they had been on May 31. Some reports suggested that changes in war requirements would soon make more methanol available for civilian use.

During the period, WPB stated that commercial noncrystalline isomeric mixtures of sorbitol had been removed from allocation under schedule 30 of M-300, but that crystalline sorbitol, mannitol, and technical d-sorbitol are still subject to WPB allocation under schedule 30.

Provisions for giving surplus medical supplies and equipment to states, municipalities and tax-supported and non-profit institutions were removed from the Federal bill for disposal of surplus war property. Senate and house conferees instead voted to give Federal agencies priorities in the distribution of all such stocks to the fullest extent required by them, with surpluses beyond that to be open for sale or lease to non-Federal establishments showing greatest need for such surplus property.

Acetone.—The supply situation continued to be very tight, requirements of essential industries accounting for every pound of present output.

Acid, Ascorbic.—Interest continued to be excellent and outlets continued to take the greater part of the present very substantial output of this item.

Acid, Citric.—No more acid came forth from the War Food Administration, which was not to say that there were not many consumers for every pound that the administration might throw back into the market. However, it should be borne in mind that WFA has declared definitely that it holds no surplus supply and that it sells only on authority of the War Production Board.

Bismuth.—According to the War Production Board, adequate supplies of bismuth chemicals will be available to meet all civilian requirements for medicinals for the fourth quarter of 1944. WPB officials said that although the chemicals are expected to be in free supply for the rest of the year, there is no immediate prospect of lifting allocation control due to the possible increase in military needs.

Butyl Acetate.—The tight situation continued as concerned supplies for what might be called "secondary" users of this solvent. Military needs are taking practically all of current output and WPB has not suggested an early return to more general allocation of production.

Calcium Acetate.—The total of domestic production—which is very small—is taken promptly and national needs, to be totally supplied, require importation of Canadian material. Supplies go to virtually two large buyers and some is exported to Australia. From a position of extreme importance, this product has done an almost total fadeout.

Calcium Glycerophosphate. — Inquiries sent to some producers were said to have gone unanswered last week even when firm orders were in sight.

Castor Oil.—Continued excellence of demand kept production in fine fettle. Supplies were maintained in satisfactory position by steady arrivals of raw material from Brazil. Arrivals last week totaled 764,100 pounds of beans, making the total arrival since January 1 a matter of 181,847,490 pounds. This total compares with 196,853,900 pounds arrived during the corresponding period last year.

Chicago, Sept. 6.—Castor oil business has been somewhat quiet, following the weekend holiday, but a firm undertone continues to prevail. Inquiry is a little better. Prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¼c.; drums, less than car lots, 15c.; tanks, 13½c.

Creosote Carbonate.—The season of enlarging consumption spreads directly ahead and finds moderate and not large stockpiles wherewith to cope with the business that will develop. Prices appeared to be well stabilized.

Fishliver Oils.—Supplies of oil were not much more than the current requirements of buyers and hence a very firm, even strong, situation continues to prevail at all points with sales being effected at ceiling levels.

Los Angeles, Sept. 6.—The supply situation on livers remains unchanged and likewise the demand for oil. Seattle reports the arrival of 1,480 pounds of soupfin shark carcasses for the week ending August 29, with livers estimated at 10 percent of this figure for weight.

Glycerin.—Producers of high gravity and yellow distilled glycerin revised quotations last week, being the second reduction within two weeks. By means of a decline in prices on high gravity, the schedule on both high gravity and dynamite glycerin became 14¼c. per pound in tanks, 14½c. for drums in car lots, and 15c. for less than car lots in drums. Yellow distilled was reduced by ¼c. per pound, making tanks, 14⅛c.; drums, car lots, 15⅜c.; and less than car lots, 15⅞c. No further change was made in prices for refined material.

Chicago, Sept. 6.—Good interest continued to be evidenced in the glycerin market. Buyers seem to be laying plans for future needs and inquiry is reported to be improving. Generally the tone is firm. Ruling prices for both chemically pure and dynamite glycerin are:—Tank-car, 14¼c. per pound; drums, car lots, 14½c.; less than car lots, 15c. High gravity is quoted at the prices now prevailing on dynamite glycerin.

Iodine and Iodides. — Complete coverage of all requirements was the rule, the effect of the maintenance of more than ample supply of raw material at all times during the war. There has been no shortage in iodine.

Mannitol.—This item is still under WPB allocation control. Removal of allocation was recently reported in these columns but the WPB now states that allocation is still in effect. The recent OWI release on WPB action on allocation of hexahydric alcohols was rather "cloudy" and WPB has clarified the situation.

Methanol.—Reports have suggested that in a reasonably nearby future, supplies of this article may become easier. Meanwhile, a firm situation prevails and prices hold at the recent decline. The latest report of the Bureau of the Census shows that June production of natural methanol decreased 23,433 gallons from the May

For Current prices see alphabetical listing beginning on page 9.

CHEMO PURO MFG. CORP. NEW YORK U.S.A.

For Prompt Delivery . . .

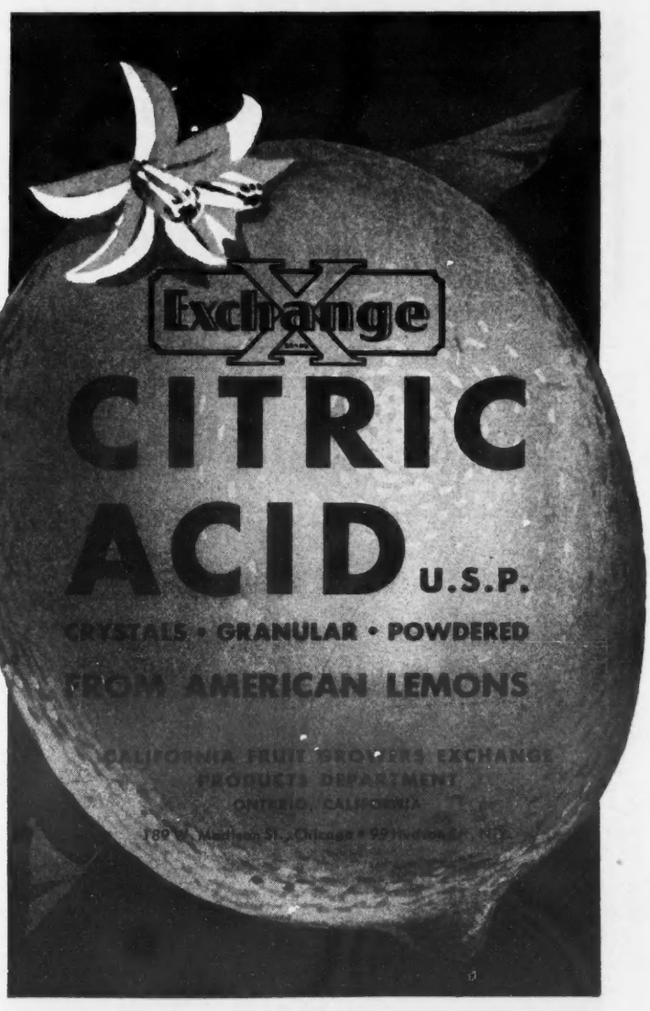
LITHIUM BROMIDE CARBONATE CITRATE SALICYLATE ALL OTHER SALTS

CALCIUM LITHIUM MAGNESIUM POTASSIUM SODIUM BENZOATE

High Quality • Attractive Prices

CHEMO PURO
Manufacturing Corporation
48th AVENUE AND FIFTH STREET
LONG ISLAND CITY NEW YORK

MAKERS OF
ICHTHAMMOL AND MERBROMIN



Copyright 1942 California Fruit Growers Exchange, Products Dept.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums, cans and glass
Also other grades—Stocks in principal cities
Gwynne Building Cincinnati, Ohio
Commerce Building 155 E. 44th St., New York City
C/P

LEGHORN TRADING CO., Inc.
21 West St. Telephone WHitehall 3-9636-7-8 New York 6, N. Y.
TARTARIC ACID
CREAM OF TARTAR
PURE IMPORTED EDIBLE OLIVE OILS
OLIVE OIL FOOTS
RED OIL
PALM OIL
RAPESEED OIL
TEASEED OIL
SESAME SEED OIL
Specialists in Finest California Edible Olive Oil

LABORATORY REAGENTS
Inorganic and Organic Chemicals
Biological Stains : Solutions
Chemical Indicators : Test Papers
Write for copy of our catalog
The COLEMAN & BELL CO.
Manufacturing Chemists NORWOOD, OHIO, U.S.A.
C&B
COLEMAN & BELL

Buy War Bonds
ARMY E NAVY
BORAX AND BORIC ACID
TRONA
MURIATE AND SULFATE OF POTASH
BROMINE — BROMIDES
AMERICAN POTASH & CHEMICAL CORP.
122 East 42nd Street New York 17, N. Y.

ATLAS POLYALCOHOLS
CHEMICALS ATLAS EXPLOSIVES
Arlex
(*ATLAS COMMERCIAL SORBITOL SOLUTION*)
A polyhydroxylic material with special properties which entitle it to consideration in the development of formulas to meet Government requirements and specifications.
CONDITIONER·PLASTICIZER·HUMECTANT
Arlex: Reg. U. S. Pat. Off.
ATLAS POWDER COMPANY
Industrial Chemicals Dept. Wilmington, Delaware

output; synthetic, 131,000 gallons less. Figures follow:—

Methanol Production:—Jan.-June

	Gallons	
	Synthetic	Natural
January	6,007,000	324,611
February	5,419,000	347,439
March	6,270,000	360,536
April	6,320,000	340,614
May	6,694,000	364,434
June	6,363,000	341,003
Totals	37,273,000	2,078,637
Stocks, June 30	6,834,000	330,003
May 31	6,768,000	312,433

Milk Powder.—WFA on August 10 bought 6,042,070 pounds of roller process powder at 14c. per pound. On August 14, WFA sold, to civilian consumers, two lots of roller process powder, totaling 2,020 pounds at 10c. per pound. Buy 'em high, sell 'em low!

Quicksilver.—The spot was a firm but rather quiet market throughout the past week. Although spot stocks were reported moderate in size, they apparently met the local requirements of the prompt delivery sort. Prices remained very steady here and on the Pacific coast.

San Francisco, Sept. 6.—Market interest is being well maintained and sales have been quoted between $100 and $105 per flask, f.o.b. this city.

Sorbitol. — The War Production Board declares that commercial noncrystalline isomeric mixtures of sorbitol have been removed from allocation but that crystalline sorbitol and technical d-sorbitol are still subject to allocation control.

Bolivian Health Program Extended Three Years

OPD Washington Bureau

The cooperative health and sanitation program undertaken by Bolivia and the United States has been extended for an additional three-year period under an agreement just signed by the Bolivian government with the Institute of Inter-American Affairs, an agency of the Office of Inter-American Affairs. Bolivia is the thirteenth Latin American nation to arrange for extension of a cooperative program aimed at greater production of critical raw materials in the South American republics by elimination of health hazards and a general raising of health standards.

Under the terms of the agreement, which was signed at La Paz, the United States and Bolivia will provide a joint fund of $1,500,000 to carry on health and sanitation work for the coming three years. Bolivia will supply $1,000,000 of this sum, and the United States will subscribe the remainder, besides continuing the technical assistance which it has given in the past.

Hercules Synthetics Sales Office Opened in Cleveland

The synthetics department of the Hercules Powder Company, Wilmington, has opened a new sales office in Cleveland, Ohio, according to W. M. Billing, general manager of the synthetics department. W. Wallace Trowell, of the Wilmington office, will be

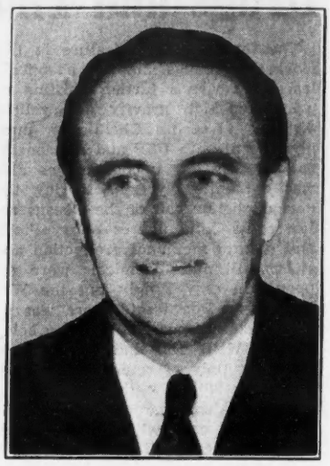
W. W. Trowell J. L. Present

manager of the new branch office, and John L. Present, also of the Wilmington office, will serve as technical representative and assist with sales operations. The new office, which is located in the Union Commerce building, Cleveland, will handle synthetics department sales in Michigan, Ohio, Western New York, Western Pennsylvania, and Ontario, Canada.

Mo. Drug Association To Meet September 13

Associated Drug & Chemical Industries of Missouri will hold its first Fall meeting in the Coronado hotel, St. Louis, September 13. V. S. Peterson, of E. I. duPont de Nemours & Co., Wilmington, will address the meeting on "Chemistry in Everyday Life."

To Direct Research



Dr. David F. Smith has been appointed director of the laboratories of Johnson & Johnson, surgical dressing manufacturer, New Brunswick, N. J., replacing G. S. Mathey, whose recent illness has necessitated his relinquishing direction of chemical and clinical research. Mr. Mathey will, however, continue as a vice-president of Johnson & Johnson and as president of Johnson & Johnson Research Foundation.

Warplant Utilization

—Continued from page 3

went to some 376 industrialists operating 586 warplants owned by Defense Plant Corporation and built at a cost of $4,720,000,000. They said that, while it is not now known how soon DPC buildings now being leased will become surplus to the war effort, it is essential that plans of the operators for the future be made known immediately "to aid us in planning to keep as many of the properties as possible in production either through sale or lease."

The telegrams were sent to the operators of complete plants where the land, building, machinery, and equipment are owned by DPC, as distinguished from plants where DPC has added buildings, equipment, and facilities to privately owned property. Some of the plants are operated for account of RFC agencies; others are under lease to the operators. Leases provide for cancellation when the product is no longer needed in the war effort. It is contemplated that, wherever a plant is not to be used by the present operator, efforts will be made to find out whether local capital will be interested in it, and if not, whether other industrialists can be interested.

Members of the War Plans Utilization Committee who will be considering this phase of the situation are Mason Britton, assistant administrator of the Surplus War Property Administration; J. A. Krug, acting chairman of the War Production Board; Sam Husbands, president of the Defense Plant Corporation; and Charles M. Hay, executive director of the War Manpower Commission.

Allied Products Elects J.A. Ewald President

John A. Ewald, vice-president and general manager in charge of sales of Allied Products, Inc., and its affiliated companies, Avon Products, Inc., and Avon Products of Canada, Ltd., has been elected president of all three companies. He has also been elected president of Technical Laboratories, Inc. Mr. Ewald succeeds to a vacancy caused by the death of David H. McConnell.

Eastman Kodak Price List Just Issued

Eastman Kodak Company, Rochester, N. Y., has issued the thirty-fourth edition of its catalog and price list of organic chemicals. Included in this catalog are the structural formulas and molecular weights of most of the chemicals.

National Pest Ass'n To Meet Oct. 23-26

National Pest Control Association will hold its annual meeting in the Hotel Sherman, Chicago, October 23 to 25. Arrangements are in charge of W. O. Buttener, 3019 Fort Hamilton Parkway, Brooklyn, N. Y.

OPD—9-11-1944

Procaine Hydrochloride U.S.P. XII

Procaine Base

Ethyl-Aminobenzoate U.S.P. XII

Butyl-Aminobenzoate U.S.P. XII

Iso-Butyl-Aminobenzoate

Phenacaine-Hydrochloride U.S.P. XII

Eucaine-Hydrochloride U.S.P. XII

Sodium Methyl Arsonate C.P.

Tetra-iodo-phenolphthalein Sodium U.S.P. XII

PUROCAINE CHEMICAL CO., Inc.

Manufacturing Chemists

38th Ave. and 10th St., Long Island City, N.Y.

ALKALOIDS

GLUCOSIDES — DRUG EXTRACTIVES

As in WORLD WAR I

Now in WORLD WAR II

ACONITINE
ARECOLINE
ASPIDOSPERMINE
ATROPINE
BERBERINE
CHRYSAROBIN
COLCHICINE
DIGITALIN
EPHEDRINE
ESERINE
HOMATROPINE
HYDRASTINE
HYOSCINE
HYOSCYAMINE
LOBELINE
PICROTOXIN
PILOCARPINE
SANGUINARINE
SPARTEINE
STROPHANTHIN
YOHIMBINE

PICROTOXIN

U. S. P.

We can now offer this chemical for immediate shipment. Recent stocks of raw materials for PICROTOXIN manufacture arrived from INDIA, our first in over eighteen months.

We solicit your inquiries for spot or contract delivery over six months period.

INLAND ALKALOID COMPANY

MANUFACTURING CHEMISTS

TIPTON INDIANA U. S. A.

TUBES

for the needs of today!

BACK THE ATTACK Buy WAR BONDS

3

Standard

SPECIALTY & TUBE CO.

New Brighton, Pa.

ORGANIC PEROXIDES

CATALYSTS FOR POLYMERIZATIONS
DRYING ACCELERATORS · OXIDATION
AGENTS · BLEACHING AGENTS

LUCIDOL*
(BENZOYL PEROXIDE)

LUPERCO*
(PEROXIDE COMPOUNDS)

ALPEROX*C
(TECHNICAL LAUROYL PEROXIDE)

SPECIAL ORGANIC PEROXIDES

* REGISTERED TRADEMARK

TRADE MARK

LUCIDOL CORPORATION

BUFFALO (5) N. Y.

WPB Reconversion

—Continued from page 3

immediately upon the defeat of Germany, except those that are absolutely necessary to assure the reduced measure of war production necessary to beat Japan. This means that all manufacturers may use any plant and any materials that are not needed for military production for any civilian production. It is proposed that there will be only one preference rating, in addition to the present emergency AAA rating, and this rating will be reserved exclusively for military programs during the war against Japan. All other production will be unrated. Manufacturers will be permitted to accept unrated orders but they will be obliged to fill rated military orders ahead of all other business.

It is feared that, under this arrangement, one manufacturer might be forced into the position of having only military orders on his books while all the civilian business was going to other producers. It also could develop that one supplier, because of his favorable geographical location, would be flooded with civilian orders while others would be less favored with business.

This situation probably would last for only a short time while the rush to place orders was underway, but it is felt that the Chemicals Bureau would be justified in retaining some of the allocation orders in operation during this period until conditions became settled and demands for materials had been satisfied.

The plan, announced by Mr. Krug, of lifting all unneeded controls over industry upon the collapse of Germany was agreed upon unanimously by the army, the navy, and all major war agencies. The plan is based on a cutback in war orders of about 40 percent within three months after Germany's defeat. That would release about 4,000,000 workers.

Equitable Relief Aimed

Mr. Krug described the program as an "immediate and drastic elimination of production controls," but stated that WPB would keep its "steering gear and brakes in good condition" for possible emergency use. Industry is to be allowed in its own way, according to the availability of markets, men, materials and plants to do the swiftest and most effective job possible of restoring production, making whatever people want and affording maximum employment, just as quickly as possible.

No programing of civilian production will be necessary after Germany's collapse, Mr. Krug said, but WPB will retain its industry divisions and industry division requirements committees whose job will be to make certain that no one is permitted to procure an unreasonable amount of any material or product; that needed materials and components are made available to top essential civilian activities, such as transportation, utilities, and fuel; and that small business is given an equal opportunity to secure materials and supplies. The controlled materials plan for allocating steel and copper will be continued only for the quarter in which hostilities in Europe cease.

Paul V. McNutt, chairman of the War Manpower Commission, who was present at the WPB meeting which approved the program, endorsed the plan outlined and indicated that WMC will shortly announce a program for manpower after Germany's collapse, designed to dovetail with the WPB procedure.

Postwar Plan

—Continued from page 3

problem. To meet this situation, the committee suggested gradual and coordinated discontinuance of controls after the end of the war, and consumer credit restrictions to avoid wild purchasing.

To maintain the delicate balance between the forces of inflation and deflation may, on the one hand, require a program of restricting speculative uses of credit, or the reverse treatment of expanding the volume of both public and private credit and stabilizing the market for government securities.

Foreign Trade and Shipping

The committee suggested that removal or reduction of various types of international trade restrictions (protective tariffs), currency manipulations, and trade discriminations is essential; that possible revisions of the merchant marine laws may be needed to maintain commercial use of the vast fleet which has been built during the war.

The committee foresaw as the chief farm problems those relating to disposal of government surpluses, removal of wartime controls, supporting prices, encouraging foreign trade, guiding migration and settlement, adjusting production and stimulating use of agricultural products. It suggested removal of wartime controls, encouragement of family-size farms owner-operated, as a means of stimulating production and stabilizing the farm economy.

Public Works

The deferred demand in the construction field "makes possible a substantial expansion of employment in this industry," the Committee said. It suggested that the Director of War Mobilization and Reconversion (when the office is set up by law) give early attention to this industry as a primary factor in developing employment and peacetime jobs.

In view of the critical importance of stabilizing employment in the long run, the committee recognizes that it is essential to prepare a reserve shelf of useful public works to be put in operation in case serious unemployment should develop as the postwar period progresses. To this end the committee advocates that the grants-in-aid program for plans and specifications—should be extended into a more permanent one, looking toward later possible emergencies—. The committee recognizes that public works represent a spending of the people's money and that a commensurate public service resulting from these outlays is the least that can be expected.

FEA Cinchona Buyer

—Continued from page 3

with Mr. Margolis, the FBI director stated, adding:—

The latter as head of the cinchona mission had authority to negotiate for the government and bought cinchona bark to make war-scarce quinine at the rate of $1,500,000 a year. During the visitor's stay here he was in contact with Margolis, who said he would report favorably on the claim if paid a fee. Otherwise he said he would not do so.

The FEA issued a statement later congratulating the FBI on its "prompt and effective" investigation of the case, and added that "this is the first time that a charge of this nature has ever been made against any of our employees."

Mr. Margolis joined the agency in October, 1942, and had made his headquarters in Bogota since January, 1943. His legal residence was listed as Orlando, Fla. He also had lived in Cleveland, Passaic, N. J., and New York.

CED Tax Program

—Continued from page 3

come taxes by a single tax at a flat rate, the same as the proposed standard rate of 16 percent to 20 percent on individual incomes. The excess profits tax and the "declared-value capital stock excess profits tax" would be repealed; and both corporate and non-corporate businesses would be allowed to carry forward losses from business operations to apply against subsequent earnings for a period of six years.

All Federal excise taxes would be repealed with the exception of those on liquor, tobacco, and, perhaps, gasoline, and others levied for social and regulatory purposes.

MECCO Iodides
EXCEPTIONALLY PURE

Mecco POTASSIUM IODIDE
All forms and mixtures.

Mecco RESUBLIMED IODINE
U. S. P.

Produced by Deepwater Chemical Co., Ltd., from California Oil Well Brines.

Mefford
CHEMICAL CO.
Western Chemical Headquarters
1026 Santa Fe Ave., Los Angeles, Calif.

YOU NAME IT! WE MAKE IT!
WRITE DEPT. C-R
• TABLETS • ELIXIRS • OINTMENTS • AMPULES • PRIVATELY LABELED PHARMACEUTICALS
Ziegler
PHARMACAL CO.
500 FRANKLIN ST.
BUFFALO 2, N. Y.
Immediate Delivery
• BULK ASPIRIN • RINKLE PILLS • SACCHARIN • AMINOPHYLLIN

Manufacturers of
— AMERCHOL —
ABSORPTION BASES
for PHARMACEUTICAL and COSMETIC preparations
Our Absorption Bases possess inherent emollient and absorption properties because of their high free Cholesterol content.
• Facilitate the penetration and absorption of incorporated therapeutic agents.
• Recommended for ease of emulsification.
• Absorb unusually large amounts of water.
• Form pure white water-in-oil emulsions, completely stable under widely varied conditions.
We also manufacture—
Cholesterol C.P. • Emulsifiers • Ointment Bases Industrial Penetrants • Softening and Dispersing Agents and other Amerchol products.
American Cholesterol Products
Incorporated
MILLTOWN, NEW JERSEY
Sales Office — 58 West 40th Street — New York 18, N. Y.

We Are Ready
to supply our complete line of
STANDARDIZED LIQUID PHARMACEUTICALS and SPECIALTIES
We are in a favorable position to supply
TINCTURE IODINE, U.S.P.
TINCTURE GREEN SOAP
MILD TINCTURE IODINE, U.S.P.
SOAP LINIMENT
Your requirements of other pharmaceuticals will be filled quickly.
Standard Drug Company
Incorporated
240 Central Avenue
Newark 4, N. J.

KETO
Available For Prompt Delivery
ACETYLCHOLINE CHLORIDE
CALCIUM LACTOPHOSPHATE N. F. sol.
HELMITOL
NIKETHAMIDE N. N. R.
ALL CACODYLATES
Ask For New Price List.
KETO CHEMICAL CO., INC.
10-33—23 ST., LONG ISLAND CITY 1, N. Y.
Phone IRonsides 6-2950

ALL GRADES OF
REFINED GLYCERINE
U. S. P. B. P.
YELLOW DISTILLED
HIGH GRAVITY
DYNAMITE
★ ★ ★ ★
REFINERIES LOCATED AT
• Brooklyn, N. Y.
• Jeffersonville, Ind.
• Jersey City, N. J.
• Berkeley, Calif.
• Kansas City, Kans.
COLGATE-PALMOLIVE-PEET CO.
GLYCERINE DEPARTMENT
105 HUDSON STREET
JERSEY CITY, NEW JERSEY

PIONEERS VITINC SINCE 1936 TRADE MARK
BASIC A AND D
VITAMIN MANUFACTURERS
HEADQUARTERS FOR TECHNICAL INFORMATION
VITAMINS, INC.
809 W. 58th ST.
CHICAGO 21, ILL.
NEW YORK OFFICE
120 BROADWAY
NEW YORK 5, N. Y.

DRUGS
CHEMICALS
OILS
Orthodichlorobenzene
Paradichlorobenzene
Muriatic Acid
Naphthalene
IMPORT • EXPORT
H. H. ROSENTHAL CO.
25 EAST 26th ST., NEW YORK 10, N. Y.
CABLE ADDRESS "RODRUG" ALL CODES

VITAMIN PRODUCTS

FISH LIVER OILS—CONCENTRATES

THE ATLANTIC COAST FISHERIES COMPANY

111 JOHN STREET, NEW YORK 7, N. Y.

DIMETHYL PHTHALATE

TRIACETIN

MANUFACTURING CHEMISTS
FRIES & FRIES INC
CINCINNATI U.S.A.

110 EAST 70th STREET
CARTHAGE, CINCINNATI 16

13 EAST 37th STREET
NEW YORK 16

SEYDEL

BENZOIC ACID

U. S. P. & TECHNICAL

SEYDEL CHEMICAL COMPANY

Established 1904 JERSEY CITY 2, N. J. BErgen 3-7047

BIOLOGICAL RAW PRODUCTS CO.

415 Lexington Ave. Phone MU 2-6361 New York 17, N. Y.

Fish Livers
High Potency Fish Liver Oils
Concentrated Oxgall, Pure
Glandular Extracts and Powder

Barnett's

CAROTENE

VITAMIN A POTENCY 600 MILLION UNITS PER POUND

A NATURAL FOOD COLORING

Write For Information

BARNETT LABORATORIES — LONG BEACH 5, CALIF.

SILMO

VITAMIN A-D PRODUCTS

- FISH LIVER OILS
- CONCENTRATES

Silmo Chemical Corp.

Laboratories and Main Office

VINELAND . NEW JERSEY

TRADE **EDCAN** MARK

CACODYLATES

The Standard of American Quality

EDCAN LABORATORIES
10-20 Pine Street
SOUTH NORWALK, CONN.

MENTHOL, U.S.P., NATURAL

Prompt Delivery New York

DIRECT IMPORT FROM BRAZIL

WAX & ROSIN PRODUCTS

42 Broadway, New York 4, N. Y.

Telephone WHitehall 4-7365

LAMON CHEMICAL CORPORATION

Executive OFFICES: 551 FIFTH AVE., NEW YORK 17, N. Y. MUrray Hill 2-3753

Manufacturers of

CACODYLATES
CAMPHOSULFONATES
ARRHENAL
ACETYL TANNIC ACID (syn. Tannigen)
ALBUMIN TANNATE (syn. Tannalbin)
HELMITOL
MAGNESIUM THIOSULFATE
METHYL ACETANILID (Exalgin)
NIKETHAMIDE (syn. Coramine)

MANUFACTURING CHEMISTS

MENTHOL

FQ

Manufactured by

FONTO-QUIMICA S. A.

SAO PAULO, BRAZIL

Exclusive Agents for United States

J. BERLAGE COMPANY

10 East 40 Street New York 16, N.Y.

Phone: MUrray Hill 3-5946

OUR TRADE MARK HAS BROUGHT NUMEROUS INQUIRIES REGARDING THE ORIGIN AND MEANING OF ITS VARIOUS SYMBOLS; THEREFORE THE FOLLOWING MAY INTEREST THE TRADE:

THE EAGLE is used to typify an All-American Company—Ownership—Management—Affiliations.

ORE. Our affiliation with the New Idria Mining Company, more or less makes our operation complete from the mining of the ore to the production of the finished Salt.

RETORT. Application of chemistry to ore and metals.

METALSALTS CORPORATION

ALCHEMIST'S SYMBOLS Covers the group of metals either in production, or covered by our research department to be produced for the war effort and post war planning.

BENZOL RING Organics.

COPPER IRON EAGLE ORE CHEMISTRY TIN LEAD SILVER MERCURY SULPHUR HYDROCHLORIC ACID

The trade mark was primarily designed to cover our field of activity. We hope in the not too distant future to have a complete coverage of all products derived from these metals.

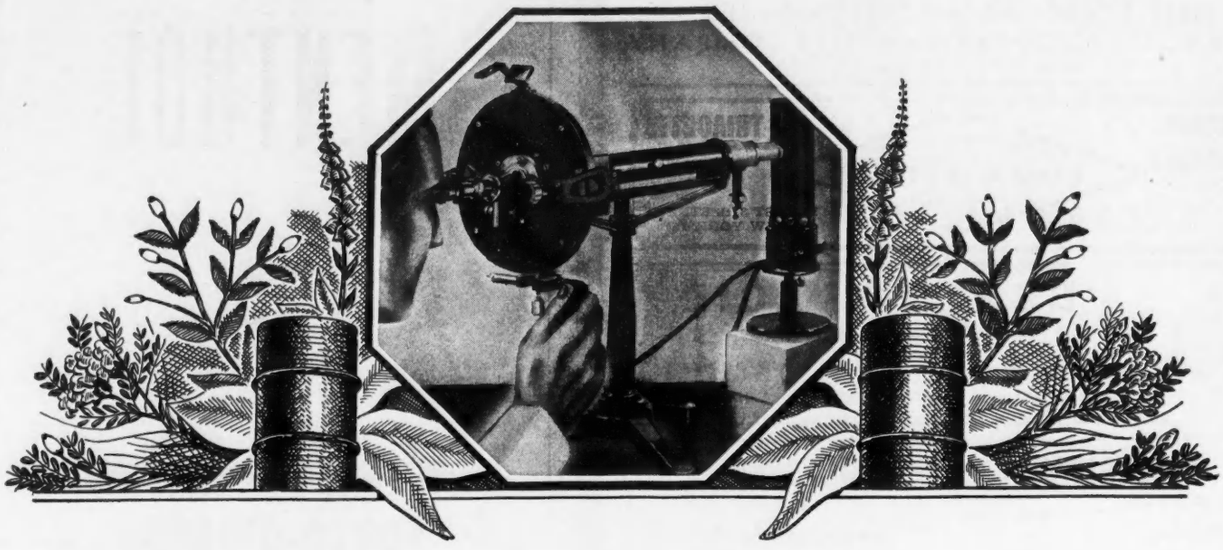
MERCURY • MERCURIALS

Mercurials "from Mine to Consumer"

METALSALTS CORP.

27 FIRST AVENUE, PATERSON 4, N. J.

Paterson: ARmory 4-4422 New York: PEnnsylvania 6-2626



CONDITIONS CHANGE...*but* *Penick Quality is Constant*

Manufacturers now facing the problems of changing from a war economy to a peacetime outlook have this assurance: that the basic materials supplied by S. B. Penick & Company can be depended upon at *all* times.

Long-range planning, large facilities and world-wide operations enable this company to transport choice material from every origin where it is possible to do so; to select, test, standardize and mill botanicals, and manufacture fine chemicals, with the utmost assurance of superior quality.

The crop-gathering season for American botanicals is now drawing to a close; and moderate quantities of botanicals of foreign origin are also being received. We invite your inquiries concerning the prime fresh supplies that will be required over the coming months, in the manufacture of your products.

S. B. PENICK & COMPANY

50 Church Street, New York 7, N. Y. Telephone COrtlandt 7-1970
735 W. Division Street, Chicago 10, Ill. Telephone MOHawk 5651

Buy War Bonds and Stamps — For Victory

THE WORLD'S LARGEST S.B. PENICK & COMPANY Asheville NEW YORK Chicago **BOTANICAL DRUG HOUSE**

Botanical Drugs, Spices, Gums

Botanical market activity was very quiet during the past week. Buyers for the most part abstained from purchasing in quantities of more than jobbing size when it came to prompt delivery goods. A fair business in goods to be delivered later on was noted but the basis of such transactions in every instance was the ability of dealers to get the wanted drugs collected in the domestic primary market.

Truly high pressure tactics are being applied in the interest of getting OPA to reconsider its recent decision adverse to raising black pepper price ceilings. To that end, a Minnesota member of the House of Representatives, the American Meat Institute, individual meat packers, the Virginia Commissioner of Agriculture, and the American Spice Trade Association pepper committee are at work and officials of OPA and WFA have acknowledged that they understand the problem, state that it is receiving serious reconsideration, and that means will be found to grant relief from the present alleged price difficulties that prevent users from getting black pepper.

There is an acute scarcity of clove spice, relief from which must await arrivals from a port where substantial quantities await ship space. Continued forwarding of North African seeds is uncertain and the bad experience of coriander seed importers make it possible that future arrivals of that and other seeds may be held up by the Pure Food and Drug Administration. Turkish laurel, and Spanish rosemary, were slightly higher. Dewhiskered caraway from Morocco, and dillseed were cheaper, and prices were shaded on celery from India, marjoram from Argentina and Chili, sage from Cyprus and Spain, and California brown mustard seed. Vanilla beans at ceiling prices reflected the recent loss of 110 tons of Bourbon beans at sea.

Market Trends

Prices Advanced

Drugs

None

Other Articles

Clove, Madagascar, futures, ¼c. per lb.
Laurel leaves, Turkish, 1c. per lb.
Rosemary leaves, Spanish, ¼c. per lb.
Vanilla beans, Bourbon, $1 per lb.
Mexican, whole, $2 per lb.
cuts, $2.50 per lb.

Prices Reduced

Drugs

None

Other Articles

Caraway seed, Morocco, dewhiskered, 1c. per lb.
Celery seed, Indian, ½c. per lb.
Dill seed, dewhiskered, ¼c. per lb.
Marjoram, Argentine, 3c. per lb.
Chilean, ½c. per lb.
Mustard seed, California, brown, ½c. per lb.
Sage, Cyprus, good, 1c. per lb.
Spanish, 1c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
246.2	246.2	251.2	261.3

Balsams

Copaiba. — Market very quiet throughout the past week. Jobbing business the main characteristic of business. Prices very steady.

Fir. — Stocks reported conservative. Demand not very active but sufficient to keep quotations well stabilized throughout the spot.

Barks

Angostura.—Steady as to price but lacking in more than jobbing activity last week. Stocks were reported to be moderate in size.

Barberry. — Nothing was reported available on spot. A ready market will exist whenever the normal primary market shall be liberated and exports resumed.

Black Haw. — Stocks were reported short as compared with the quantity that should be in hand at this season in normal times. High prices have not resulted in ample collections.

Elm.—It would be difficult to secure sufficient bark to fill an order of even moderate size. The collection was almost nil this year.

Sassafras. — It will not be a season of even reasonably adequate stocks. High prices have not brought a deal of activity among collectors. Sellers showed reserve in a definitely dull spot market this week.

Beans

Vanilla. — Prices on Mexicans and Bourbons were reported at ceiling levels when it came to spot goods but some importers were quoting only on the basis of future arrivals from primary market points. Enough was said to suggest that more goods will ultimately be forthcoming. The ceiling price on Bourbons is $10 per pound but it proved impossible to find any firm offerings on spot; those who may hold some Bourbons do so for the account of their regular customers. The Mexican ceiling is $11 on whole, and $10 on cuts and there are eager buyers at those levels. A fair stock of Tahiti beans has prevented any price advance on that material but such holdings are nothing like a substitute for the Bourbon and Mexican items.

Berries

Buckthorn.—Not such of this article was available on spot and the holdings that exist were narrowly distributed as to seller. No replacements are known to have come to hand of late.

Hawthorn. — Genuine English berries were hard to find and the market displayed substantial strength even though demand was moderate.

Flowers

Arnica. — In very fair supply at prices which have turned firmer since the substantial decline a short time ago. Going prices were reported in line with the prevailing cost to replace current stocks. Demand was moderate.

Chamomile. — The fact that Argentina is in poor standing with the United States government operates against continued export or chamomile grown in that country and imported here. According to reports, Argentine funds were frozen by official order a short time back, which makes commercial intercourse highly difficult since there would be no way in which to pay for purchases there when such an order was issued.

Lavender. — The day when the prime quality French flowers become available here is far over the horizon of business at this time, notwithstanding the fact that the entire lavender area of France is under allied control.

Gums

Arabic. — Plentiful supplies had to cope with rather narrow consuming demand last week. The substructure of the market was rather soft and conditions were more favorable for buying than selling. It seems fairly certain that additional quantities will be forthcoming from the primary market from time to time.

Karaya. — Generally considered to be in steady position and held to relatively firm prices by the persistence of a steady demand of more than fair size.

Locust Bean. — Prices were minimum at 68c. per pound for prime quality merchandise, though goods of inferior grade were mentioned at less than the above figure; not all dealers had this "specky" material.

Mastic. — Events of war are prying loose the German control of the primary market, though no definite report of the liberation of the Island of Chios has been noted yet.

Herbs and Leaves

Laurel.—Turkish leaves were higher at 34c. to 35c. per pound and Cyprus as well as Portuguese were firmer, though unchanged. Arrivals totalled 134 bales.

Marjoram. — Argentina herb was lower at 29c. to 30c. per pound. Chilean goods were shaded to 33½c. to 34c. California herb was high in

For Current prices see alphabetical listing beginning on page 9.

CHECK YOUR NEEDS
OF HOPKINS' ANALYZED HIGH-STANDARD
CRUDE DRUGS

ALOES USP
ARECA NUTS
ASAFOETIDA
BOLDO LEAVES
BUCHU LEAVES
CELERY SEED
CHAMOMILE FLOWERS
CORN SILK
DAMIANA
DOGWOOD
EUCALYPTUS LEAVES
EUPHORBIA
FENNEL SEED
GRINDELIA ROBUSTA
HAWTHORNE BERRIES
CARDAMOM
PEPPERMINT
TAMARINDS
TUMERIC
UVA URSI LEAVES
VALERIAN ROOT
WILD CHERRY BARK
YERBA SANTA
HOREHOUND HERB
JABORANDI LEAVES
JALAP ROOT
KAMALA
KOLA NUTS
LICORICE ROOT CUTTINGS
MATICO LEAVES
NUX VOMICA
OLIBANUM GUM
PICHI TOPS
PAPAIN
PSYLLIUM SEED
QUASSIA CHIPS
QUINCE SEED
RHUBARB ROOT
ROSE BUDS
SAGE LEAVES
SANDALWOOD
SCAMMONY ROOT
SENNA HALF LEAF
SENNA PODS
SENNA TV
SQUILLA WHITE
STROPHANTUS SEED

J. L. HOPKINS & CO.
IMPORTERS, MILLERS AND MANUFACTURERS OF PROFESSIONALLY MILLED, ANALYZED CRUDE DRUGS
220 BROADWAY • NEW YORK
Boston Philadelphia San Francisco Los Angeles Memphis

for Better FORMULAS better use . . .

KELCO ALGIN

AS STABILIZER
SUSPENDING AGENT
BODYING AGENT
or HYDROPHILIC COLLOID

MANY a formula can be greatly improved — in appearance, efficiency, and economical processing — by the use of KELCO Algin.

This has repeatedly happened in the fields of textile print pastes, dentrifices, pharmaceuticals, food products, boiler-water compounds, cold water paints, latex adhesives, leather dressings and others.

May we show you how KELCO ALGIN might be adapted with great profit to YOUR formula? Just tell us your intended use and the pH. Our laboratories will do the rest.

KELCO REFINED ALGIN PRODUCTS

KELCO COMPANY
75 E. Wacker Drive CHICAGO-1
31 Nassau Street NEW YORK-5
530 W. Sixth Street LOS ANGELES-14

R. J. PRENTISS & CO., INC. THE WORLD IN BOTANICALS

BOTANICALS

WHEN you manufacture a branded product your raw materials must be uniform—you must buy botanicals from a source where you know you will receive the identical quality in every shipment.

If you buy from Prentiss you can be sure that your quality will always be uniform.

So the next time you are in the market, mail that order for botanicals to R. J. Prentiss and Company. With the most modern and advanced equipment, the Prentiss mills and warehouses are geared to supply you with freshly milled or whole goods on a long list of botanicals. Also, it will pay you to find out about the status of botanicals you will need in the near future. Why not give us a ring at WHitehall 3-8281, or if you are in the Chicago area the number is FRAnklin 1094.

. . . and see Prentiss for Industrial Chemicals

R. J. PRENTISS & CO., INC.

80 JOHN STREET, NEW YORK 7, N. Y. 9 SO. CLINTON ST., CHICAGO 6, ILL.

price but quotably unchanged and not selling much here.

Rosemary.—Spanish was in slightly larger demand and a firmer as well as fractionally higher price ruled at 14c. to 15c. per pound.

Sage. — Good quality Cyprus was lower at 19c. to 20c. per pound, and Spanish prevailed at the same price level. Little interest was shown in California French type at 82c., and leucophylla at 55c.

Senna. — Steady to firm here in keeping with the forward position of the article and the recent upward tendency of prices in all markets.

Miscellaneous

Colocynth Pulp. — Steady in price and showing a rather firm tendency when the maintenance of quotations was compared with the at present rather low volume of consumption sales.

Grains of Paradise. — Transactions were possibly only on a to arrive basis, on which basis offerings were made at 25c. to 26c. per pound. An arrival of 28 bags was reported already sold into consumption.

Irish Moss. — An arrival totaling 35 bales was reported last week, being foreign merchandise that must come into competition with the rather fair sized supply of moss collected domestically during the past Summer.

Lycopodium.—Low prices are likely to reduce to small quantity the amount of material collected in the New England states this year. Nothing about the future prospect for the article encouraged collection and it is not forgotten that the normal source of supply is about to be liberated in Europe.

Roots

Berberis. — Though there should be an excellent interest displayed by alkaloid manufacturers, the potential sales outlet encounters the apparently insurmountable difficulty presented by lack of labor in the primary market. In normal times, this item has been offered in car lots.

Gentian. — Firm to steady on the basis of the recent moderate rise in spot quotations. However, the trend of events abroad forecasts a return of offerings from the several primary markets offering the item in times of peace.

Ipecac. — An arrival of 9 bales of this root could not come on the open market since it is under strict allocation control.

Rhubarb. — Indian root appears to have met fairly well the requirements of this country but, of course, it cannot be used in products to be labeled U.S.P. Only Chinese root is U.S.P. and high dried Shensi or common round Chinese root simply cannot be obtained.

Senega.—Not much comes here now. Much export business is done direct with the primary market because of wartime influences. Control of the market appears to remain in Winnipeg, Canada.

Seeds

Caraway.—The feature was the appearance of an offering of Canadian grown seed, made on the basis of 80c. to 81c. per pound. Dewhiskered Morocco seed was lowered to 67c. to 68c. per pound.

Celery.—India seed was a fraction lower at 19c. to 19½c. per pound and a very fair movement into consumption was made thereat. The quotation is virtually that made on replacement material in India.

Coriander. — Oil distillers have shown interest in the recent arrival of Morocco seed, held up because of the presence of excreta and the fact that some seed was weevil bored. But the last word was that the arrival will be recleaned to be used by tobacco interests.

Dill. — Dewhiskered seed was a small fraction lower at 15c. to 15½c. per pound.

Mustard. — California brown seed was lower at 16½c. to 17c. per pound. Though a fair crop prospect exists for Montana yellow, it remains to be demonstrated that a substantial supply will remain after contract obligations have been met.

Spices

Clove.—Orders for spot goods were reported plentiful but supplies were

—*Continued on page 72*

PEEK AND VELSOR INCORPORATED 110 WILLIAM ST. NEW YORK 7

Established 1840
CRUDE DRUGS

Human Beings Still Eat

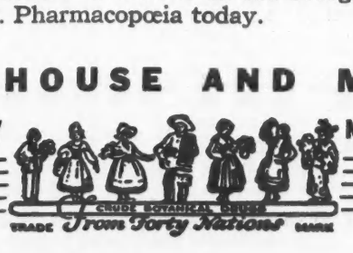
LINSEED

It took World War No. 2 to reveal here the use of linseed as food by human beings. The more than 800,000,000 pounds of linseed oil sent to Russia on lend-lease have restored an important foodstuff to Russian tables.

Yet, human consumption of linseed is as old as recorded history. Thucydides in 400 B.C., Pliny in the 1st Century, and Alcman in the 7th, reported linseed used as food. Abyssinians have eaten it roasted for centuries. And immigrants in America have bought the oil for years to smear on bread.

Cultivation has been traced back to the 23rd century, B.C. The whole process of converting the plant into fiber fit for weaving is depicted on wall paintings in Egyptian tombs. And fruit, seed, and linen fabric have been found in the ancient pile-dwellings bordering Swiss lakes. Both linseed and linseed oil are recognized in the U. S. Pharmacopœia today.

WAREHOUSE AND MILLS
JERSEY CITY NEW JERSEY



Essential Oils, Other Aromatics

The agitation caused in the previous week by the loss at sea of 107 drums of clove oil, 73 drums of Bourbon geranium oil, 36 drums of Bourbon vetiver oil, and 9 drums of ylang ylang oil subsided during the past week, leaving all of those oils in very firm spot position because of the fact that stocks actually on spot were very small to nil, varying according to dealer. It is understood that more goods will be or have been bought to come forward, but transport or replacement purchases will be subject to all the factors that caused the long lapse of time between purchase of the goods now at the bottom of the sea and their actual despatch to this country. Relief from short supply will probably be more than a matter of a few weeks.

Investigation failed to show that more lemon oil of domestic manufacture is moving to civilian use, now that many manufacturers are receiving allocations from the government stockpile of 100,000 pounds of Italian oil. It had been suggested that when essential consumers began to get goods from the stockpile, domestic oil would become increasingly available. Such has not been the event to this writing, and the market remains in very tight position. Orange oil was somewhat easier last week, especially Brazilian oil, which was lower under competition. Bergamot continued scarce as ever.

Distillation of peppermint is complete in numerous areas, and is well advanced in all others. The total yield is expected to be less than the estimate made recently by the Bureau of Agricultural Economies. Low prices have removed most local interest in the spearmint crop. Most other domestic oils will not be produced in normal quantities, labor shortage being the main cause.

Nothing has been heard regarding French floral oils in the now liberated areas, naturally. However, the post office authorized limited mail facilities with portions of liberated France, and news regarding American owned factories, as well as factories of producers with agents in this country, may soon be forthcoming.

Market Trends

Prices Advanced

Cananga, native, 50c. per lb. rectified, 50c. per lb.

Prices Reduced

Orange, Brazilian, 10c. per lb.

Comparative Price Indexes

(100=August 1, 1914.)

Last week.	Prev. week.	Last month.	Last year.
261.6	261.6	262.6	246.3

Essential Oils

Almond.—Quiet trade was the rule in expressed oil but the market had firm price position and almost total lack of competition influences.

Anise.—Buyers persist in striving to find even small parcels but persistence was unrewarded last week and dependence was still on replacement goods when anise flavor was a requisite.

Apricot Kernel.—Though demand was light, it was also quite steady for jobbing quantities and more than enough to keep prices firm and free from any tendency to move in favor of buyers.

Bergamot.—A supply of Italian oil was as far away last week as it had been since the beginning of the war. Yet, a supply is held by the Army in Italy and to drop a parcel or two aboard a returning transport should not be totally impossible. But impossible it has been to this time.

Cananga.—Higher prices for native oil at $11.75 to $12, and rectified at $13.25 to $14 were but emphasis on the absence of anything resembling a fair supply, well distributed, on the spot.

Cardamom.—Raw material continued fairly easy on spot but oil prices held free from quotable change. Demand was extremely small.

Clove.—An acute scarcity of clove spice cannot be relieved earlier than the arrival of quantities known to be awaiting in a foreign port for ship space to this country. Also, stocks of oil must not only await an increase to come only with the arrival of said spice, or by the arrival of foreign-made clove oil. The quantity of oil lost at sea was 107 drums, the property of four importers.

Coriander.—Distillers have shown an interest in the seed recently arrived from Morocco but withheld from immediate consumption by reason of weevil borings and excreta. But the majority of the arrival will go to the tobacco trade after the total arrived has been recleaned.

Eucalyptus.—Little was to be had at any price and a virtually nominal market continued to prevail notwithstanding that the season for increased consumption is not far away and efforts looking to a larger export from the primary market continue to be made.

Geranium.—The market retained strong undertones that developed when 73 drums of Bourbon oil, owned by six importers, were lost at sea, while enroute to this country. It may be months before the lost oil can be replaced and actually landed here. Supply was on the short side.

Ginger.—Strong prices and few supplies of raw material were more than sufficient to keep quotations on oil to the strong side of developments. Demand was not very brisk but was about all that could be cared for easily.

Juniper.—Hardly mentioned as to spot supply but constantly in the mind of those who look forward to a resumption of imports from liberated Italy or the about to be liberated Yugoslavia.

Lavender.—During the past week, the post office announced restoration of limited correspondence with parts of liberated France. Which could mean that companies with lavender and other essential oil factories in France, as well as houses representing French producers, will be able to learn about the condition of the Grasse, Barreme, Seillans, and other factories formerly so important to manufacturing consumers here.

Lemon.—Though manufacturers of products involving lemon oil and destined for government agencies have been receiving allocations of oil from the stockpile of 100,000 pounds of Italian oil, such allocation has not increased the flow of domestic oil to civilian users. The supply situation is as tight as ever, apparently.

Nutmeg.—Not a great deal of oil was in the market but limited quantities occasionally changed hands at $5 to $5.25 per pound. Officially, producers' ceilings are about $4.50 per pound.

Orange.—Brazilian oil turned slightly easier with the development of competition of a not aggressive character last week. Quotations failed to decline but the tendency was to meet price views of reasonable buyers. Signs of North African oil reaching here soon were lacking but such production hangs over the market especially since the liberation of Marseilles where agents for the North African product often factored that material.

Peppermint.—The distillation of the 1944 crop is well along, especially in the eastern production states where processing of many fields of mint has been already completed. Official production figures are awaited with interest since the estimate was for an increase of about 200,000 pounds over 1943 while yields per acre suggested that that increase might not be actually realized in toto. However, the latest report of the Bureau of Agricultural Economics states that the distilling of mint in Indiana is about finished. Yield per acre was higher than was expected earlier in the season. In Oregon mint distilling is in full swing. Good yields are reported this year, especially from the irrigated fields. Dry weather has retarded the growth to some extent in the non-irrigated areas. Washington peppermint growers at present are breaking yield records mostly on older plantings. Most stands are in good condition, except those short of water, which are not

For Current prices see alphabetical listing beginning on page 9.

Magnus Means Reliability
OUT OF THE LABORATORY
Oil Sage Replacement MM&R
This product replaces Oil Sage Dalmatian pound for pound. Its flavor characteristics approximate the original oil to a marked degree, and the price schedule is suprisingly modest when compared with the last quotations on Sage Dalmatian.
Write for a testing sample and schedule of prices; or order 5 lbs. at the 500 lbs. price for a test run.
MAGNUS, MABEE & REYNARD, INC.
10 DESBROSSES STREET, NEW YORK CITY • 221 NORTH LASALLE STREET, CHICAGO
Los Angeles: BRAUN CORPORATION
San Francisco: BRAUN-KNECHT-HEIMANN CO.
Seattle, Portland, Spokane: VAN WATERS & ROGERS
Toronto: RICHARDSON AGENCIES, LTD.
Ammals Economy Pointer

Today's Specials—
RESIN LABDANUM
RESIN OLIBANUM
RESIN OPOPONAX
RESIN STYRAX
GEORGE LUEDERS & CO.
427-429 WASHINGTON STREET, NEW YORK 13, N. Y.
Branches: Chicago, San Francisco, Montreal • *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
IMPORT ESSENTIAL OILS EXPORT
162-164 Front Street Established 1896 New York 7, N. Y.

ESSENTIAL OILS
P. R. DREYER INC.
119 WEST 19th STREET
NEW YORK, N. Y.
AROMATICS
OIL CITRONELLA
Ceylon
Write for Quotations

CHICAGO DALLAS DENVER NEW ORLEANS SAN FRANCISCO SEATTLE
SUPREME AROMATICS
ESSENTIAL—FLAVORING—PERFUME
OILS
LOS ANGELES MONTREAL TORONTO VANCOUVER WINNIPEG MEXICO CITY
FLORASYNTH LABORATORIES INC.

• THESE OUTSTANDING IMITATION OILS WILL HELP YOUR SPICE QUOTAS AND ENABLE YOU TO MAINTAIN PRE-WAR PRODUCTION AND QUALITY OF YOUR GOODS •

CASSIA
CINNAMON
NUTMEG
MACE
PIMENTA
Let us quote you
FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

doing so well. New plantings are expected to reduce the state average yield. All stills are busy. Harvest is gaining in momentum.

Petitgrain.—Inquiries were somewhat improved and sales of moderate-sized lots revealed the absence of superior stocks in the hands of local dealers. The undertone of the market was very firm.

Rosemary.—In very fair spot supply, being available in quantities sufficient to care for the not especially rugged demand for immediate deliveries. Prices lacked development but seemed reasonably easy.

Sassafras.—Very steady in all quarters. Replacement was better than firm and supply of both natural and artificial oil was definitely conservative. Prices ruled in very firm position.

Spearmint.—It may be doubted that many spot dealers will be able to stock this article this year. Production is estimated less than last year, large chewing gum manufacturers probably have first call on output, and prices which OPA insisted remain unchanged were too low to encourage producers selling to local dealers who cannot charge in excess of $4 per pound.

Tansy.—No general distillation of this weed is looked for. Odd lots may be produced here and there, but no general stocking on this market is likely to be possible.

Vetiver.—The loss of 36 drums of this oil, property of six importers, at sea will be felt badly by about six importers, and the lost oil will probably take weeks to replace in the primary market for Bourbon, and to transport it hither.

Ylang Ylang.—The loss of 9 drums of Bourbon oil at sea returns the market to a virtually nominal position. And replenishment of the lost oil cannot be effected in the twinkling of an eye. A very short market seems to be inevitable for an indefinite period.

Aromatic Chemicals

Coumarin.—Most of the pressing requirements have been met, but the market continues to lack important reserves and production seems to be still well engaged. Sales by resellers seem to be more frequent.

Diethyl Phthalate.—Numerous former suppliers lack supplies and the total available was reported moderate in all respects. The ceiling of most sellers is around 25c. per pound.

Ethyl Cinnamate.—Stocks were conservative and buyers in some instances had to "stand in line" to get supplies. All holders showed reserve.

Eugenol.—Reflecting well the recent accession of strength in raw material, which became more difficult to get. Demand was fair.

Hydroxycitronellal.—In narrow supply in practically all directions and demand seems to engage potential production very well. Prices were firm to strong.

N. Y. BIMS Hold Final Golf Tournament

The final golf tournament of the BIMS of New York, a social organization of buyers, importers, manufacturers and salesmen, was held at the Wheatley Hills Golf Club, August 24. Martin Schultes, of the Hewitt Soap Company, awarded prizes to the following:—

Joseph Gartlan, of T. W. Foster & Bro. Co.; Frank A. Nicholson, of the Richardson-Taylor-Globe Corporation; Monroe Dreher, of the Dreher Advertising Agency; Peter Forsman, of the C. H. Forsman Co.; Wayne Dorland, of the *Soap & Sanitary Chemicals;* Paul Dunkel, of Paul A. Dunkel & Co.; Sewell Corkran, of E. N. Rowell Company-A. H. Wirz, Inc.; W. E. Terry, of American Coating Mills, Inc.; George Waeglin, of George Lueders & Co.; Howard Mickle, of the Evans Chemetics Co.; John Sinnott, of the Bureau of Foreign and Domestic Commerce; W. K. Sheffield, of the New England Collapsible Tube Company; E. Bush, of Bush Pan America, Inc.; James Lawrie, of the Evans Chemetics; H. C. Brill, of the H. C. Brill Company; C. R. Keeley, of *Beauty Fashion;* Cecil W. Rice, of W. J. Bush & Co.; H. S. Miner, of the Manufacturers Trust Company; Ray Ougheltree, of the Zonite Products Corporation; C. F. Alexander, of L. Sonneborn Sons, Inc.; John E. Gabrielsen, of the Allied Products Co.; Harry Heister, of George Lueders & Co.; B. H. Badanes, of McKesson & Robbins, Inc.; A. H. Bergmann, of the Oxzyn Sales Company; Dudley Shaw, of the Allen B. Wrisley Company; Ross White, of E. N. Rowell Co.-A. H. Wirz, Inc.

Chicago Perfumers To Golf September 22

The Chicago Perfumery, Soap and Extract Association will hold its final golf tournament of the season at Westward Ho Golf Club, September 22.

On Bank Board

S. B. Penick, jr., president of S. B. Penick & Co., botanical drugs, New York, has been elected a director of the Montclair Trust Company, Montclair, N. J.

Moving pictures will be shown of various golf tournaments for the past several years, including this year. Martin Vance, of Givaudan-Delawanna, is in charge of arrangements.

'Men of Oil' Exhibit Title Of N. J. Standard

"Men of Oil" is the title of an exhibit prepared by Standard Oil Company (New Jersey) in tribute to workers implementing the armed forces. The exhibit, on display throughout the month of September in the Industrial Photographic Salon of the Franklin Institute, Philadelphia, Pa., consists of seventy prints from the company's library of industrial documentary photographs.

Centflor
Mon ufacturing Company
6 Varick Street
New York 13, N. Y.
Telephone: WAlker 5-6193

AROMATIC CHEMICALS
PERFUME COMPOUNDS
ESSENTIAL OILS
Samples on request.

BASIC PERFUME SPECIALTIES
COMPOUNDS • RAW MATERIALS
SCHIMMEL & CO., INC.
601 WEST 26th STREET NEW YORK 1, N. Y.

NOW *Available*
ALIPHATIC DERIVATIVES
For Experimental and Development Work or War Contracts
STRAIGHT CHAIN, PRIMARY COMPOUNDS FROM C_8 TO C_{18}
OCTYL • DECYL • UNDECYL • DODECYL
TETRADECYL • CETYL • OCTADECYL
Alcohols, Olefins, Ethers, Mercaptans, Sulfides, Disulfides, Sulfones, Sulfonic Acids and Salts
Technical Grades; Research Grades 99% Pure
DATA SHEETS ON REQUEST
THE CONNECTICUT HARD RUBBER COMPANY
409 EAST STREET, NEW HAVEN, CONNECTICUT

HAVE YOUR PERFUMING PROBLEMS SOLVED BY
VAN AMERINGEN HAEBLER INC.
315 FOURTH AVENUE
NEW YORK N. Y.

POLAK & SCHWARZ
INCORPORATED
667 Washington St. New York 14, N.Y.
Phone: CHelsea 2-6525 Cable: Poschwa
ESSENTIAL OILS
FRUIT FLAVORS
PERFUME MATERIALS
AROMATIC CHEMICALS

VIKING
Petroleum Solvents
HEXANE • PENTANE • HEPTANE
PETROLEUM ETHER
LIGROIN • BENZINE
LOW COST—HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K. V. BLDG., CHARLESTON, W. VA.

JAVONELLA

Perfect for Perfuming
LAUNDRY SOAPS • WASHING POWDERS • LIQUID CLEANSERS • POLISHES, etc.
Even when Oil of Citronella was low in price and easy to obtain, JAVONELLA was a reliable favorite. A great many manufacturers preferred its finer, cleaner odor, its uniform quality and consistent economy. And now that Citronella is so high in price and difficult to get, JAVONELLA is more important to you than ever before.
Write for Samples and Quotations
FELTON Quality
FELTON CHEMICAL COMPANY, INC.
599 JOHNSON AVE., BROOKLYN, N.Y.
BRANCHES IN BOSTON • PHILADELPHIA • CHICAGO • ST. LOUIS • NEW ORLEANS
LOS ANGELES • SAN FRANCISCO • MONTREAL • TORONTO • MEXICO CITY
MANUFACTURERS OF AROMATIC CHEMICALS, ESSENTIAL OILS, PERFUMES AND FLAVORS

AVOID SKIN TROUBLE
FROM CHEMICAL IRRITANTS
USE NEO-FILM (LIQUID SKIN PROTECTOR)
Write for Free Sample
JONES MEDICAL LABORATORIES, Inc.
816 Huron Rd. - - - Cleveland 15, Ohio

Petroleum Derivatives

Though the production of crude oil in the domestic fields, supplemented by importations from Mexico and Venezuela, is at last proving sufficient to enable the refineries of the independent operators as well as those of the thoroughly integrated companies to run their fractionating plants to full capacity, the greatly desired and much-sought-for easing of the supply situations in petroleum solvents, liquefied gases and numerous other derivatives, which could logically be expected only after a notable lessening of the war materials drain, has not yet materialized. With the aviation and other military requirements still mounting as the invasion by the Allied armies of the Nazis' homeland progresses, the impact of these needs continues extremely heavy, becoming especially keen in benzol, toluol and xylol derivatives, such as xylene, the base for the high solvency aromatic naphthas.

However, in the belief that there will be some tapering off of war orders as the end of the European war approaches, some suppliers are inclined to show greater liberality in their dispensing of ordinary gasoline and some types of fuel oil, to the extent that they are allowed to do so by OPA's rationing orders and WPB restrictions. In this connection, it is noteworthy that in certain sections of the Midwest, wherein refiners have been forced to lower their prices on certain grades of heavy fuel oil, no longer pressingly needed by the Navy, the problem has arisen as to how to dispose of the resultant accumulations of these oils without taking a loss on the operations.

Despite reports of easing of the tight situations in ordinary gasoline in some sections of the country, the Deputy Petroleum Administrator has warned that the nation's stockpile of civilian gasoline is now at a point where any further increase in military demands will result in a much tighter situation than has ever prevailed heretofore.

Solvents and Diluents

Aromatic Solvents.—The war's heavy drain on benzol and toluol, which is daily expected to lower supplies of xylol as well as of these two other primary coaltar derivatives, is already exerting some tension on the supply situation of xylene. While processors of these high solvency aromatic naphthas have enough of the xylene base on hand to enable them to continue operations on a scale sufficient for meeting the needs of their customers throughout the remainder of this month, they are in some instances doubtful whether they will be able to get enough of this base to fill their requirements next month. Meanwhile the buying interest in Class A and Class B types of these solvents is still fairly sizable.

Cleaners' Naphtha.—Continues moving steadily into military channels and to a lesser degree into civilian dry cleaning plants. Prices well maintained.

Lacquer Diluent.—Still in keen demand, with war production account buying slightly outstripping the civilian paint trade's.

Mineral Spirit.—Buying interest continuing high. Tone firm.

Rubber Solvent.—With virtually the entire current production being absorbed by the synthetic rubber manufacturers, there is little of this material available for the paint trade.

Stoddard Solvent.—In unabated request, with military account takings far outnumbering civilian interests' purchases.

V. M. & P. Naphtha. — Moving in steadily mounting volume into the paint trade, with those engaged in war production work getting the bulk of the offerings and current output. Market strong throughout.

Markets at Other Centers

Chicago, Sept. 8.—Good buying of various grades of these products persists in this area. The paint industry is still exhibiting considerable current interest. Material required for war activity is still in good aggregate demand.

Los Angeles, Sept. 8.—Considerable emphasis is being placed on the demand for paint thinners and solvents on the Pacific coast, although there has lately been a leveling in the need for certain grades of high solvency aromatics. Almost everything possible of production is already spoken for.

Market Trends

Prices Advanced

None

Prices Reduced

None

Lighter Fractions

Butane.—The unprecedented military requirements in 100-octane gasoline, which are necessitating the absorption of all the liquefied petroleum gases by the manufacturers of this military necessity, together with the heavy takings of the synthetic rubber makers are leaving the market almost bare of supplies available for home heating purposes. Prices strongly held throughout.

Heptane. — Moving in increasing volume. Tone stable.

Hexane. — Continuing in brisk demand. Market steady.

Octanes.—In steadily mounting request. Price structure strong.

Pentanes. — Buying interest constantly growing. Tone firm.

Propane.—Conditions exactly similar to those prevailing in butane also characterize the market for this liquefied gas.

Petrolatums and Waxes

Amorphous Waxes.—In constant and generally increasing demand, moving steadily into consuming channels under the leadership of the standard process types.

Paraffin.—No substantial relief has yet been afforded from the shortage in most refined grades. The supply of crude scale, formerly overplentiful, is now being held down to moderate proportions.

Petrolatums.—A steady movement of U.S.P., veterinarian and technical grades into consuming channels continues to be noted, with prices firmly held throughout the list.

White Mineral Oils.—Although some smaller suppliers continue to make concessions in prices to obtain a portion of the available business in these oils, particularly in the U.S.P. grades, leading producers are still holding out for list prices and getting the bulk of the business at their figures.

Fuels and Lubricants

Crude Petroleum. — Another slight dip in the daily rate of domestic production is reported for the week ended September 2, this latest downward slip amounting to 9,800 barrels a day to 4,667,450 barrels. But the domestic output, supplemented by increasing imports, is temporarily satisfying refiners, although the Bureau of Mines estimates that the market demand for domestic crude oil for September will reach a level around 4,790,000 barrels a day, which is 401,600 barrels higher than that in the corresponding month of last year, and this cannot fail to bring about a substantial reduction in stocks.

Crude oil runs to refineries for the week ended September 2 have averaged 4,592,000 barrels daily, compared with 4,698,000 barrels for the previous week.

In accordance with plans for turning over naval crude oil to refineries which are to supply necessary refined products to the Army and Navy, announcement has been made this past week of the sale of 2,500,000 barrels of crude oil from the Elk Hills, Cal., Naval Petroleum Reserve to the Union Oil Company of California, Shell Oil Company, Inc., General Petroleum Corporation of California and the Mohawk Petroleum Corporation, representing the estimated total production of crude oil for the Navy's account from the Elk Hills reserve for the six months' period, ending December 31. A second offering of crude oil from this reserve for the six months' period beginning January 1, 1945, will be sold later this year.

For Current prices see alphabetical listing beginning on page 9.

Fuel Oil.—PAW has announced a modification of the minimum standards for various grades of fuel oils that are manufactured, delivered or received on the Pacific coast. PAW officials have explained that the original order increased the production of Navy special fuel oil and of feed stock for the manufacture of 100-octane aviation gasoline. The changes made in viscosity standards by amending petroleum distribution order 22 are said to facilitate the handling of civilian products so as not to interfere with the output of fuel oil for military use. The amended order also makes it possible to meet certain special conditions in various areas.

Gasoline. — Despite an increase in domestic production, nationwide inventories of gasoline are showing declines. The nation's supplies for the week ended September 2 are reported to have dropped 819,000 barrels to 79,921,000 barrels, although domestic production has risen from 14,112,000 to 14,265,000 barrels.

Corporation Earnings

American Potash & Chemical Co.

	1944	1943
6 months, June 30....	$742,651	$671,825
Per share.....	1.40	1.27

Paraffine Companies, Inc.

Year, June 30.....	2,015,604	1,540,081
Per share.....	4.03	3.04

Controlled Specialization
petrolatums and white oils
CERESINES, WHITE AND YELLOW
RUST PREVENTIVES
From the Refinery of
SHERWOOD
REFINING COMPANY, INC.
ENGLEWOOD, N. J.
Refinery, WARREN, PA.

ALUMINUM CHLORIDE
ANHYDROUS
PHOSGENE
(CARBONYL CHLORIDE)
CHEMICALS
NIAGARA CHLORINE PRODUCTS CO.
LOCKPORT, NEW YORK

"CO-MIC"
MICRO CRYSTALLINE WAXES
AX5-1015 SPECIFICATIONS
or
Manufactured to specific requirements for
PENETRATION-MELTING POINT
AND COLOR
CONTINENTAL REFINING CO.
OIL CITY, PENNSYLVANIA

PETROLATUM • WHITE OILS
For highest quality specify
Penn-Drake
PENNSYLVANIA REFINING COMPANY
Representatives and Stocks
in Principal Cities
BUTLER, PA.

ARE YOU FAMILIAR WITH THE USE OF THESE NUODEX AGENTS?
1. NUODEX LEAD—
(a) as a corrosion inhibitor in rust-proofing oils.
(b) in extreme pressure lubricants.
2. NUODEX ZINC — as a corrosion inhibitor
We welcome the opportunity to discuss the above subjects.
THREE LITTLE BOTTLES
THAT BUILT THE PLANT
NUODEX PRODUCTS CO., INC., ELIZABETH, F, N. J.
NUODEX PRODUCTS OF CANADA, LIMITED, LEASIDE, ONTARIO

Scientific and Professional Services

ALEXANDER, JEROME
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
50 East 41st Street — New York 17, N. Y.
Member:—Association of Consulting Chemists and Chemical Engineers

ASSOCIATION OF CONSULTING CHEMISTS AND CHEMICAL ENGINEERS, Inc.
A Clearing House for Consultants
The membership, located from coast to coast, comprises specialists in all fields.
For Consultants Address the Association
50 EAST 41st STREET, Room 82 — NEW YORK 17, N. Y. LExington 2-1130

J. BARAB
Consulting Chemical Engineer
PRODUCTS — PROCESSES — USES
Special Experience in Developing and Adapting Procedures For IMPROVED EFFICIENCY QUALITY CONTROL
290 MADISON AVE. Phone: MU 2-5022 NEW YORK 17, N. Y.

FOOD RESEARCH LABORATORIES
Founded in 1922
48-14 Thirty-Third Street, Long Island City 1, New York City STillwell 4-4814
Chemical and Biological Studies of Efficacy and Potency of Foods, Drugs, Vitamins • New Products • New Uses • Protective Packaging • FDA and FTC Matters • Technical Counsel in Legal Actions, etc. Brochure available on request.

HORACE J. HALLOWELL
CONSULTING CHEMIST
Analyses - - Reports - - Investigations - - Research
Drugs - Cosmetics - Pharmaceuticals
Minerals - Alloys - Beverages - Soils
FORMULAS DEVELOPED
123 Main Street — Danbury, Conn.

Charles H. LaWall—1871-1937 — Joseph W. E. Harrisson
LaWALL and HARRISSON
Pharmaceutical and Chemical Research. Biological Assays. Pharmacological Studies in association with Clinical Tests. Routine Drug and Food Control.
1921 Walnut Street — Philadelphia 3, Pa.

LEBERCO LABORATORIES
Consulting Chemists and Biologists
86 ROOSEVELT AVENUE — BLOOMFIELD, N. J.
Assays (Biological, Chemical):—Vitamins, Hormones, Drugs, Toxicity Tests—Research—Bacteriology—Nutritional Studies—Consultation
We are eager to have your firm as one of our clientele and would be very glad to hear from you on any matter which requires the services of an independent, reputable firm.
An Independent Laboratory to meet the Needs of Your Organization

Est. 1865
W. S. PURDY COMPANY, Inc.
TESTING AND CONSULTING LABORATORIES
PETROLEUM FUELS ASPHALTS COAL
WAXES GREASES FATS COSMETICS
PAINTS SOAPS TEXTILES
128 Water Street, New York 5 — HAnover 2-3772

SADTLER, SAMUEL P., & SON, Inc.
RESEARCH AND ANALYTICAL CHEMISTS
Many chemical services are rendered to chemical, pharmaceutical, cosmetic and industrial clients.
216 South 13th Street — Philadelphia 7, Pa.
Member Association of Consulting Chemists and Chemical Engineers.

THE SCHEPP LABORATORIES
RESEARCH AND CONSULTING CHEMISTS
SURFACE CHEMISTRY
Large Surfaces — Fine Powders — Colloids
Member Ass'n of Consulting Chemists and Chemical Engineers
21-23 Summit Ave. Telephone: FAirlawn 6-1212 — East Paterson, N. J.

J. C. TH. UPHOF, D.Sci.
CONSULTANT
Agricultural Research, Botanicals, Spices, Oils, Fibers, Tannins, Waxes and Other Plant Materials, Tropical and Subtropical Products, Biological Assays
Domestic and Foreign
INVESTIGATIONS, RESEARCH, INSPECTION, ANALYSIS, REPORTS, TRAVEL
Correspondence in Foreign Languages
78 WASHINGTON STREET — EAST ORANGE, N. J.

BANCROFT LABORATORIES
Box 1022 Worcester, Mass.
RESEARCH and CONSULTING CHEMISTS
Chemical Analysis and Synthesis, Microchemical Organic Analysis

Bureau of Chemistry
New York Produce Exchange
H. P. Trevithick, Ph.B., B.S.
2 Broadway — New York 4
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Feeds, Spices, Chemicals, etc.
Consultation—Research.

CUMMINS & GRANT
Analytical & Consulting Chemists
ANALYSIS OF PAINTS, OILS, ALLOYS, (Precious and Non-Precious), ORES, PLATING SOLUTIONS AND ALLIED MATERIALS
9 N. EUTAW STREET
Baltimore, Md. — CAlvert 1354

COLLAPSIBLE TUBE FILLING
JAR FILLING
Write to us
DAY CHEMICAL COMPANY
713 So. 14th St., Newark 3, N. J.

EDWAL LABORATORIES, Inc.
E. W. Lowe, Ph.D. W. S. Guthmann, Ph.D. W. B. Headrey, Ph.D.
Analytical & Consulting Chemists
Research on Part-time or Fellowship Basis
732 Federal St. — Chicago 5, Ill.
Descriptive booklet No.21-O available

J. Ehrlich, Ph.D.
CONSULTING CHEMIST
153 South Doheny Drive
Beverly Hills, California
ORGANIC SYNTHESES
Fellow of the American Institute of Chemists

RALPH L. EVANS ASSOCIATES
•
Research and Development
70 Chemists and Engineers
•
RAW MATERIALS
COMPOUNDS
FINISHED PRODUCTS
•
From Laboratory, through Pilot Plant to full scale Production
•
Tel. MUrray Hill 3-0072
250 East 43rd Street
NEW YORK 17, N. Y.

Ellis-Foster Company
Established 1907
Research and Consulting Chemists
Specializing in Synthetic Resins and their Plastics and Related Subjects.
4 Cherry Street — Montclair, N. J.
Telephone MOntclair 2-3510

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
CHEMISTS AND ENGINEERS
Specialists on Petroleum Products
961-976 Frelinghuysen Ave., Newark, N. J.
Telephone Bigelow 3-4020

Knight, B. H.
Analytical and Consulting Chemist
50 East 41st Street — New York 17
OFFICIAL ANALYST
U.S. Shellac Importers' Association
Am. Bleached Shellac Mfrs. Assoc.

Laning Company, E. M.
Specializing in Perfumes, Toilet Preparations, Pharmaceuticals and Flavors. Formulas perfected. Problems solved. Labels and Circular matter revised to comply with the new Food, Drug and Cosmetic Act.
433 Stuyvesant Ave. Irvington, N. J.
Phone ES 2-8433
E. M. Laning, B.Sc., Manager

Seattle 4, Wash. . . . 911 Western Ave.
LAUCKS LABORATORIES, INC
ESTABLISHED 1908
Analytical and Consulting Chemists
Spectrographers, Assayers
Inspecting, Sampling, Certification of Raw and Processed Materials
LARGEST INDEPENDENT LABORATORY IN THE NORTHWEST

MOLNAR LABORATORIES
PENICILLIN ASSAYS
211 East 19th Street
New York 3, N. Y.
GRamercy 5-1030

Munch Laboratory
Consultant and Laboratory Service
New and Old Drugs
Bioassays
Pharmacology
Clinical Studies
306 South 69th Street Upper Darby, Pa.
Branch—West Chester, Pa.

If Your Professional Card
were here others would be reading it now.
Send for rates.
Oil, Paint and Drug Reporter
59 John Street, New York.

Orthmann Laboratories
Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries
Consulting, Analytical and Research
847 W. Virginia Street — Milwaukee, Wis.

PATENT YOUR IDEAS
IDEAS
send a Sketch or Model of your invention for
CONFIDENTIAL ADVICE
FREE Copyright Literature
Z. H. Polachek
1234 BROADWAY NEW YORK
PATENT ATTORNEY ENGINEER
U. S. Pat. Off. records searched for ANY Invention or Trade Mark

John E. Raisch & Co.
OFFICIAL and LICENSED WEIGHERS, SAMPLERS and INSPECTORS, CARGO SUPERVISORS and CONTROLLERS.
Licensed by N. Y. Cotton, N. Y. Cocoa, N. Y. Coffee and Sugar, Commodity and N. Y. Produce Exchanges
15 Moore Street — New York 4, N. Y.
Tel. BO 9-4644-4645

Schwarz Laboratories, Inc.
Analysts — Biologists — Consultants
BEVERAGES, OILS, FOODS, WATER
VITAMIN DETERMINATIONS
202 East 44th Street New York 17, N. Y.
MUrray Hill 2-0007

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph.D.
Earl B. Putt, Ph.G., B.Sc.
SPR
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages
Phone MUrray Hill 3-6368
18 East 34th Street — New York 16

Foster D. Snell, Inc.
Our Staff of chemists, engineers and bacteriologists with laboratories for analysis, research, physical testing and bacteriology, are prepared to render you every form of chemical service.
303 Washington Street
BROOKLYN 1, N. Y.

Stillman & Van Siclen, Inc.
Chemical and Testing Engineers
Tests, Inspection and Supervision of Benzol, Toluol, Xylol, Tars, Pitches, Asphalts, Road Oils and all other Coal Tar and Petroleum Products
Telephone: LExington 2-2638
18 East 41st St. — New York 17, N. Y.

Stillwell & Gladding
Established 1862
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes Drugs, Gums, Foods, Glycerin Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers.
130 Cedar Street — New York 6

Unified Laboratories, Inc.
W. M. Malisoff, Ch.E., Ph.D., Pres.
Process Development, Research and Umpire Biological Assays, Staff specialists on Hormones, Vitamins, Synthetic Drugs, the Alcohol Industry, the Sugar Industry, the Petroleum Industry, and Cosmetics
Phone: CO. 5-5766
1775 Broadway — New York

HERBERT WATERMAN, Ch.E., Ph.D.
Consulting Engineer
Production Problems
Equipment and Plant Design
Research and Process Development
2100 Roselin Pl., Los Angeles, Cal.
Telephone: OLympia 3789

JOHN M. WEISS AND CO.
50 East 41st St. — New York 17
CHEMICAL ENGINEERING
PLUS
ECONOMIC INTERPRETATION
Telephone MUrray Hill 5-6426

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing in Analysis of Beverages, Fertilizers, Phosphates, Wood Pulp, Coal and Coke, Feeding Materials, etc.
Calvert and Road Streets, Baltimore, Md.

PAW Planning Staff Headed by Newman

OPD Washington Bureau

Appointment of W. H. Newman as executive officer of the Petroleum Administration for War has been announced by Deputy Petroleum Administrator Ralph K. Davies. Mr. Newman's new post places two PAW divisions under one head. He will continue to direct the work of PAW's Organization Planning staff, with full responsibility for the review, determination, and recommendation of changes in the basic operation of the agency. He will also perform the duties of executive officer, replacing E. L. Kohler, who resigned.

General Petroleum Plans $4,000,000 Expansion

General Petroleum Corporation plans to expand its refinery in Torrance, Calif., at a cost well in excess of $4,000,000 to provide additional 100-octane aviation gasoline manufacturing facilities. The additional facilities will have a capacity of from 13,000 to 15,000 barrels of components daily.

Golden Gate Paint Club To Golf September 22

Golden Gate Paint, Varnish and Lacquer Association will hold its annual golf tournament at the Presidio Golf Club, September 22.

J.M. Burke Retires From Socony-Vacuum

James M. Burke, division marine manager for New England, Socony-Vacuum Oil Company, has retired after forty-one years of service. R. E. Madsen has been appointed his successor.

Atlantic Refining Company, Philadelphia, has opened a new cracking plant at Point Breeze.

Fertilizer Materials

Although the local trade did not appear to be unusually disturbed by the recent announcements of cutbacks in the nitrogen supply, the nitrogen situation has caused considerable concern in the South. Fertilizer manufacturers in that section are looking for an early culmination of military activities in Europe and seemed convinced that this would open the way for an extensive movement of nitrates for agricultural use abroad. Such views have given rise to the idea that further reductions may be made in the supply for this country. Meanwhile, the demand for nitrates has increased beyond the supply limit. In general, there has been a steady call for regular contract deliveries of ammonia sulphate, potash and superphosphate. Deliveries of the latter have remained behind schedule at some points owing to manpower shortage and the difficulty of securing sufficient quantities of sulphuric acid. According to some of the major producers of superphosphate, the labor shortage is a paramount influence in determining the amount of output at the present time. Local activity was irregularly quiet, with a tendency to keep inventories down and await the effect of military developments abroad.

New mechanized nitrate plant under construction at Tarapaca, Chile, representing an investment of about $1,100,000, is expected to start production soon. Crystallized nitrate will be produced. The plant will also be concerned with development of a general chemical industry.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914.)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Nitrogenates

Ammonia Sulphate. — Bureau of Mines placed stocks at the end of July at 150,755,600 pounds compared with 138,600,249 pounds at the end of June. This represents an increase of 8.8 percent. At the end of July 1943, the supply was 80,067,031 pounds. Demand continued active with some fair export inquiries reported for Spain for use in cultivating olive groves and grape vineyards.

Bone Meal. — Domestic supply seemed a little freer but mostly of high grade feeding quality. Some business reported at ceiling levels. No fertilizer material was available.

Castor Pomace.—Scarcity of material for nearby shipment held the market tight. Demand continued in excess of supply and in some instances stock purchased for August delivery, is coming through this month.

Dried Blood.—More buying activity reported for feeding purposes. Sales of domestic and foreign material were made at ceiling levels. Imported stock came through New Orleans. Overall market conditions showed improvement.

Soda Nitrate.—Market firm under cross current influences. Synthetic production has been cut down about one-third while arrangements have been made to bring in 800,000 tons of Chilean material by May 1, 1945 and possibly more if shipping space can be secured. A small allocation to the Pacific coast is expected to relieve the situation in that area to some extent.

Tankage.—No unusual buying interest could be traced in this market. Domestic supply situation seemed somewhat improved with occasional sales at ceiling figures.

Phosphates

Phosphate Rock.—Supply situation satisfactory and adequate to meet demand from acidulators. Shipments were made promptly and in sufficient quantities to meet requirements. The acid situation has not improved and has kept the processing of rock somewhat below seasonal expectations. The price position remained firm reflecting the higher costs of production.

Superphosphate. — Labor shortages were reported to be worse than noted a month or two ago. Some producers were more concerned about the labor situation than over the tightening of sulphuric acid. The opinion prevailed that the government's program of 8,000,000 tons could be reached and this seemed to be an ample supply for fertilizer use as it is over 1,000,000 tons above the output for the 1943-1944 season. Demand was reported to be above current production in some of the Eastern areas. The government's request for tenders of 1,125,000 tons covering requirements for Department of Agriculture over the last four months of the year has not met with much response to date.

Potashes

Production continued at a level somewhat above a year ago, keeping the supply situation favorable to meet allocations. No relaxation of demand could be noted and none is expected as mixers can use all material granted by WPB. Under these conditions, the market's price structure has remained firm with contract shipments going forward promptly.

Sulphur and Pyrites

Mine shipments went forward in heavy volume under a steady miscellaneous demand. The supply situation remained fully able to meet all military and industrial requirements without difficulty. Spanish pyrites was reported quiet. Uncertain shipping conditions from foreign supply sources have been influential in restricting activity.

Markets at Other Centers

Atlanta, Sept. 8.—The nitrogen situation continues to cause the greatest concern to fertilizer manufacturers in the South. Liberation of European countries and possible early collapse of Germany is not expected to ease the situation since the need for nitrogen in reviving agriculture and industry in Europe is expected to stimulate exports. Chilean nitrates especially are expected to be in great demand in Europe where synthetic nitrogen plants have been bombed out of production, and as a consequence it is thought there will possibly be less of this material than might be expected to overcome the nitrogen shortage in this country.

Baltimore, Sept. 8.—Fish Scrap.—The menhaden fishing season, which had a poor start is again decidedly unsatisfactory, and the year holds out promise of being one of the leanest in the fishing industry. The schools of menhaden have a way of appearing at some point to be rather plentiful, but this condition does not last long, being succeeded by the disappearance of the fish. The state of the weather has a good deal to do with the situation, so that operations are interfered with, or the schools seek water so deep that they cannot be netted. The catch so far has been small and the general run seems to be under size. Scrap production, therefore, is unsatisfactory, and the scrap is disposed of about as fast as it is made.

Chicago, Sept. 8.—Limited receipts of hogs and free quantities of cattle are reported in the fertilizer materials market to be exercising a considerable influence on amounts of nitrogenous fertilizer products which currently are available. Blood was firm. Tankage sold in moderate lots with good inquiry. Bone materials were firm, with offerings not such as to burden the market. Dried Blood.—Principal grade, $5.53 per unit of ammonia. Tankage.—Feeding grade, $5.53 per unit; liquid stick, tankcar, $1.75 to $2; hoof meal, $4.25 to $4.50. Bone Materials.—Ground bone, steamed, 3 and 50 percent, $35 to $38 per ton; cattle jaws, skulls and knuckles, $44 to $45.

Los Angeles, Sept. 8.—Situation mainly unchanged here on organics and market at a standstill. Fish meal held firm at maximum levels with a keen demand for the small offerings. Unfavorable fishing conditions restricted meal production during the last week, and shipments largely represented deliveries on earlier orders. Ruling prices are:—$48 per ton for 16/20 grade and $57 for 11/48 delivered California plant. Ammonia Nitrate.—Quoted $65 per ton, f.o.b. production point, with freight allowance up to $4.40 per ton. Ammonia Sulphate.—Quoted $38 per ton with freight allowance up to $4.40 per ton from California production plant. Canadian material on same price equalization.

For Current prices see alphabetical listing beginning on page 9.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U. S. A.
Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

FERTILIZER MATERIALS
Conditioners and Fillers A Specialty
THE DICKERSON COMPANY
BROKERS — IMPORTERS — EXPORTERS
DREXEL BUILDING - - PHILADELPHIA 6, PA.

SUNSHINE STATE POTASH U.S.A.
A PRODUCT OF NEW MEXICO
REG. U.S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O ALSO 50% K_2O
MANURE SALTS
22% K_2O MINIMUM
UNITED STATES POTASH COMPANY
Incorporated
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

FIRST...

FIRST... in total production of 60% Muriate of Potash;

FIRST... in increased production to meet huge war-time demands of agriculture;

FIRST... to win the Army-Navy E;

FIRST... to win the White Star for "continued meritorious service on the home front";*

FIRST... to win the 2nd White Star for "great and continuing contribution to the cause of freedom".*

FIRST, last and always, PCA's Red Indian Trade Mark is a safe symbol to tie to, now, today, and in Post War days tomorrow.

*Quotations from letters of Robert P. Patterson, Under-Secretary of War.

POTASH COMPANY of AMERICA
CARLSBAD, NEW MEXICO
GENERAL SALES OFFICE...50 Broadway, New York, N. Y.
• SOUTHERN SALES OFFICE...Mortgage Guarantee Building, Atlanta, Ga.

OPD—9-11-1944 69

FMC

In WAR or PEACE GOOD EQUIPMENT Promotes PRODUCTION

•

6—Copper Tanks, 950 gal., 4′ x 10″.

5—Cast Steel Jktd. and Agtd. 1,000 gal. Kettles or Stills; manhold type.

1—Valley Cast Iron Autoclave, Jktd. and Agitated, 24″ x 24″.

1—Fredericking 1,500 gal. Cast Iron Jktd. and Agtd. Kettle, 8′ x 4′.

2—Glass Lined Jacketed 750 gal. Tanks; one with glass coated revolving coil.

1—Glass Lined 3,000 gal. Sectional Vacuum Still, 55″ dia. x 24′ high.

2—Stainless Steel 2,000 gal. Hor. Tanks.

9—Hor. 2,000 gal. Steel Tanks, 4′ x 20′.

8—Oliver Vertical Filters, pressure type; 25″ x 63″; monel screens.

1—Sweetland No. 9 Filter; 24 leaves.

1—Shriver 36″ C.I. Filter Press; 4 eye washing; cl. del. 20 chamber.

1—Sperry 30″ Wood P. & F. Filter Press.

1—Sperry C.I. 42″ Press; 57 Chambers.

1—Thropp Silex Lnd. 7′ x 6′ Pebble Mill.

1—Steel Ball Mill; 44″ x 92″.

1—Rotary Jacketed Steel Digester, 6′ x 13′.

1—Dopp 1,500 lb. Crutcher.

2—Swenson 6′ Cast Iron Evaporators with jet condensers.

2—Buffalo & Devine Crystallizers, 6′ x 3′.

2—Jones Automatic Soap Presses, complete.

1—Southwark 80 ton Hydraulic Press; ram 8″ x 10″; daylight 15″; with pump.

1—HPM Hydraulic Press; 24″ x 24″; ram 4″ x 15″; day light 20½″.

1—Heavy Duty Hyd. Press; 5′ x 5′; downward ram 2′ x 4′; with pump.

1—Mikro No. 4 24″ Pulverizer; 75 HP.

1—W. & P. 250 gal. Double Arm Mixer.

3—Rotex Sifters; 20″ x 48″ to 4′6″ x 12′.

2—Devine Rot. Vac. Dryers; 3′ x 25′; 5′ x 30′.

You will require unencumbered plant space for conversion or expansion.

Sell Your Surplus to F M C

FIRST MACHINERY CORP.

EAST 9th STREET AND EAST RIVER DRIVE
NEW YORK 9, N. Y.

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

Agencies Wanted

WELL ESTABLISHED wholesale drug house in Canada would consider additional lines for jobbers or drug trade. Manufacturing and packaging equipment available. BOX 331, Oil, Paint and Drug Reporter.

LONG ESTABLISHED manufacturers' representatives with office in Philadelphia and covering eastern half of Pennsylvania, southern half of New Jersey and Delaware, interested in representing a well-known manufacturer of any product for which there is a good peace-time demand throughout the year. Can submit excellent references from present principals, and bank. BOX 357, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—One Watson-Stillman, double plunger hydraulic hand pump, connected with small hydraulic press. Complete with all fittings and ready to operate. Excellent condition. R. MacKellar's Sons Company, 10-24 South Water street, Peekskill, New York.

COMPLETE EQUIPMENT for small paint factory; three 24-in. stone mills, one 15-in. stone mill, three 15-in. stone mills in gang, four pony mixers, two laboratory mills, three gang agitator, all with individual motor drive; laboratory equipment 1½-acre factory site, 2-story brick building, 40x46, easily converted to paint factory, all for $8,500.00. Raw material at inventory. Paint Products Co., Springfield, Ohio.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 348, Oil, Paint and Drug Reporter.

SIFTERS—Wolf gyrator, old or new style; Richmond gyro whip; Schutz O'Neill limited pulverizer, preferably large size. BOX 359, Oil, Paint and Drug Reporter.

WANTED—500 to 1,000-gallon buhrstone lined pebble mill and 12 in. x 30 in. higher, medium speed roller mill. No dealers. BOX 362, Oil, Paint and Drug Reporter.

THERE'S STILL A WAR TO BE WON

Production Must NOT LAG!

LIQUIDATION MACHINERY AND EQUIPMENT OF FORMER

CENTRAL SUGAR CO., Decatur, Indiana

1—Battery of 5—40″ BRONZE BASKET, Western States 1600 RPM. belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil, syrup troughs, all supporting framework, unloaders.

1—Battery 6—40″ and 1 battery 4—40″ American Tool BRONZE BASKET, 1200 RPM., belt driven CENTRIFUGALS, plain bearings, mixer, supporting framework, syrup troughs, unloaders.

1—19,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.

2—8′x12′ All Steel OLIVER FILTERS, complete with all pumps and receivers.

3—8x10 Wood Stave OLIVER FILTERS, complete with all pumps and accessories.

8—JUICE HEATERS, 500 to 750 sq. ft. H. S.

1—Hersey double unit ROTARY DRYER OR GRANULATOR.

1—Burman ROTARY DOUBLE SHELL DIRECT HEAT PULP DRYERS.

Miscellaneous: Pumps, Packaging Machinery, Dryers, Coil and Calandria Pans

Send for Printed Circular
Arrange to Inspect

Special Items from Stock

41—(NEW) STAINLESS STEEL steam jacketed KETTLES, up to 500 gal. cap. AA3 needed.

2—70″ x 30′ RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.

1—5′ x 12′ Vacuum DRUM DRYER, Buffalo Foundry complete with accessories.

10—ROTARY VACUUM DRYERS; 3—Buffalo 5′x20′; 3—Devine 4′x25′; 1—Devine 4′x30′; 1—Struthers Wells 30″ x 12′.

2—ATMOSPHERIC DRUM DRYERS 4′ x 12′.

2—32″ x 72″ ATMOSPHERIC DOUBLE DRUM DRYERS, m.d.

2—Buflovak 6′ dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.

4—6 TRUCK DRYERS, Philadelphia Textile.

9—Direct heat ROTARY DRYERS 4′ x 30′, 5′ x 30′, 70″ x 30′.

1—7′6″ x 75′ indirect Heat ROTARY DRYER.

4—PEBBLE MILLS, 1—4′ x 4′ Burrstone Lined; 1—32″ x 42″ Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.

2—CRUSHING ROLLS, 40 x 16″ Colorado Iron Works.

6—DRY POWDER MIXERS various sizes. To 3000 lbs.

2—W. & P. MIXERS, sizes 21-X-DB jacketed 625 gal.

2—4-Roll RAYMOND HIGH SIDE MILLS for extremely fine pulverizing.

2—LOUISVILLE Rotary Steam TUBE DRYERS, 6′x35′. Each equipped with 2 rows of tubes, recent model.

1—4′x6′ OLIVER CONTINUOUS FILTER; 2—8′x8

8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.

6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 3, No. 1, No. 0000.

1—Day No. 30 Imperial Jack. MIXER, 75 gal.

8—RUBBER LINED Rectangular TANKS; 7—500-gal.; 1—150 gal.

29—CENTRIFUGAL EXTRACTORS, 12″ to 72″ bronze and steel baskets, belt and motor drives.

1—PNEUM. SCALE CARTON PACKAGING UNIT

1—Pneumatic Scale Co. Auto. tight WRAPPER.

2—Batteries of two each TYLER HUMMER SCREENS 4′x5′, single deck, other sizes.

1—36′ dia. Cast Iron COLUMN, 23″ high.

1—355 c.f.m. AIR COMPRESSOR, with A. C. Motor

1—Devine duplex VACUUM PUMP 16 x 16 x 12.

1—STOKES steam heated WATER STILLS, ., 10 gal. per hour.

1—Day 5-gal. jacketed MOGUL MIXER.

9—Hardinge BALL MILLS, 3′ x 8″, 3′ x 36″, 6′ x 36″; also 6′ x 12′ Rod Mill.

2—8′ x 30″ Hardinge Conical Silex Lined PEBBLE MILLS.

5—ROTARY KILNS, 6′ x 60′, 8′ x 125′, 8′x 135′.

2—BELT CONVEYORS, 30″ x 130′, 16″ x 65′.

3—Dracco Perfecto Type AAA DUST COLLECTORS

1—Abbe Blutergess No. 2 SIFTER; 1—No. OS, m.d

2—Gen. Ceramic 40″ dia. x 15′ high ABSORPTION TOWERS.

10—Dopp C. I. jacketed KETTLES, 25 Gal. to 100 gal; 30—steel, cast iron, jack. up to 2000 gals.

3—ROLLER MILLS, 6′ x 14″, 12 x 30, 16 x 40 water cooled.

2—K. K. 18-spout Rotary Gravity hand FILLERS.

1—Pneumatic Scale straight line BOTTLE CLEANER

4—150 gal. aluminum TANKS, cone bottom.

1—Stokes No. 21 GRANULATING MIXER, 50 lb. belt driven.

4—Granberg LIQUID METERS.

1—No. 7; 2—Colton TUBE or JAR FILLERS ,40.

1—Colton hand TUBE FILLER.

2—Jones Automatic CARTONERS.

REMAINING
AT BAYONNE, New Jersey

1—24″ dia. x 40″ PENNSYLVANIA SINGLE ROLL CRUSHER.

1—HARDINGE CONICAL PEBBLE MILL, 6′ x 36″, silex lined, silent chain drive, motor and starter.

3—DORR BOWL CLASSIFIERS—
10′ dia. bowl with 2′3″x19′8″ rake,
12′ dia. bowl with 2′3″x21′4″ rake,
15′ dia. bowl with 2′3″x23′ rake.

1—OLIVER DUPLEX DRY VACUUM PUMP, 14″ x 8″.

1—HARDINGE CONSTANT WEIGHT FEEDER, ¼ HP motor.

3—DORR THICKENER MECHANISMS—
Trays and Superstructures for 20′ dia. x 10′; 30′ dia. x 12′; 40′ dia. x 12′.

4—DORRCO DIAPHRAGM PUMPS, single and duplex.

1—8′ x 8′ OLIVER ROTARY CONTINUOUS VACUUM FILTER.

2—RAYMOND BROS. "IMP" PULVERIZERS, No. 40, with direct connected motors, cyclone collectors and all inter-connecting piping.

2—Anderson PACKAGING UNITS.

1—Sperry Iron FILTER PRESS, 36″ x 36″, 38 chambers; 1—Shriver 24″ x 24″, 40 chambers.

2—World Rotary auto. LABELERS.

1—Burt straight line auto duplex LABELER, md.

1—C. C. & S. 7-head Jumbo CROWNER.

7—50 gal. copper steam jacketed VACUUM PANS, complete; other sizes to 750 gal.

1—300 gal. COPPER steam jack. KETTLE, with bronze agitator.

1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.

1—(new) Stokes "F" single punch TABLET MACHINE, ¾″, var. speed and A. C. motor.

3—Pfaudler GLASS LINED TANKS, 2-90 gal. open, 1-100 closed.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

WANTED: Idle Machines
Single Items or Complete Plants.
You can help War Production by sending us your list.

We Buy and Sell From a Single Item to a Complete Plant

CONSOLIDATED PRODUCTS CO., INC.

13-18 Park Row
New York 7, N. Y.

FOR OVER 25 YEARS A SYMBOL OF CONFIDENCE

Shops: 335 Doremus Ave.
Newark 5, N. J.

Facilities Offered

WELL-EQUIPPED CHEMICAL laboratory in New York, managed by outstanding organic chemist doing research work; desires one additional connection on basis of a retainer. BOX 352, Oil, Paint and Drug Reporter.

Materials Wanted

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. BOX 351, Oil, Paint and Drug Reporter.

JUST PURCHASED!

1—Vallez Rotary Filter, 35 leaf, 957 sq. ft. monel leaves. Purchased new 1942. Includes Valley Iron Works Paper Pulp Beater.
1—W. & P. 150 gal. Stainless Steel Lined Double Arm Mixer.
3—Colton No. 2 Rotary Tablet Machines.
1—Stokes "B" Rotary Tablet Machine.
2—Colton No. 2-B Single Punch Tablet Machines.
2—Single Punch Tablet Machines, up to ¾"
2—Fitz-Killion Rotary Tablet machines, similar to Colton No. 3.
1—J. H. Day 30" Copper Coating Pan.
1—W. & P. 20 gal. Double Arm Mixer.
2—Ermold Semi-Automatic Labelers.
1—Patterson 3' x 4' Porcelain Lined Pebble Mill, motor-driven.
1—Patterson 5' x 4' Silex Lined Pebble Mill, motor-driven.
3—J. H. Day 80-gal. Lead Mixers.
2—J. H. Day Twin 80-gal. Lead Mixers.
2—Fletcher 40" Centrifugals, motor driven, bottom discharge with Louis Allis 10 HP High Torque Motors, 3/60/220 volt
2—6'x5' Jacketed Closed Pressure Kettles.
1—Shriver Diaphragm Pump, 45 gpm. 5 HP motor.
3—Oliver Rotary Filters, 5'x8', 8'x8', 8'x11'.
5—Shriver and Independent 24", 36", 42" Wood Filter Presses.
1—Johnson 24" C. I. closed delivery Press, with 36 plates and frames.
1—Sperry C. I. 15" Double End Filter Press, 26 Chambers, Closed Delivery.
29—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven top bottom discharge.
3—Hersey Rotary Dryers, 5'x30', 5'x21'.
1—Copper Rotary Dryer, 6'x17'.
2—Scott 4'x8' Vacuum Cookers.
1—Buffalo 24"x20" Vacuum Drum Dryer.
6—Rotary Dryers, 4'x30', 6'x42', 6'x60', 6'x65', 7'x120'
1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.
2—Jeffrey Hammer Mills, 36"x24", 24"x18".
3—Roller Mills, 9"x24", 12"x30".
2—Tyler Screens, 3'x5', 4'x5'.
1—Stokes Steel Vacuum Pan, 100 gal.
2—1750 gal. Lead Lined Pressure Tanks.
2—Jacketed Stills, 500 and 350 gal., with steel columns and condensers.
10—Condensers, 20 to 300 sq. ft.
4—Jacketed, Agitated Steel Kettles, 650, 600, 375 gal.
5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.
1—Sharples No. 6 Super Centrifuge, motor driven.
2—6' Buflovak Atmospheric Crystallizers.
Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited. Send us your lists of surplus equipment.

BRILL
Equipment Co.
225 West 34th Street
New York 1, N. Y.
BRyant 9-2040

Materials Wanted

MENTHOL SUBSTITUTE (synthetic); large quantities for regular delivery. Quote best prices with all technical information. Box 806, 1474 Broadway, New York 19, N. Y.

Plants Wanted

LACQUER, PAINT or varnish plant wanted. Will rent or purchase. Must have grinding and mixing equipment. New Jersey territory preferred. BOX 361, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST or chemical engineer, preferably laboratory and plant experience, development and production of coated fabric for electrical insulation. Plant Brooklyn, N. Y. BOX 310, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST; one thoroughly experienced in vitamin assay work preferred. Large western New York pharmaceutical house has fine opportunity for chemist who can qualify. Give us full particulars in first letter; we will keep it confidential. BOX 345, Oil, Paint and Drug Reporter.

PRODUCTION MAN wanted, experienced in manufacturing bronze powders, capable take complete charge; give full facts previous experience. BOX 356, Oil, Paint and Drug Reporter.

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

1—F. J. Stokes 3'x15' Rotary Vac. Dryer.
1—Raymond No. 10 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
2—Bonnot 27" dia. Iron Filter Presses.
6—Autoclaves, 200 to 1,500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1,600 gals.
2—75 & 1,500 gal. lead lined closed Kettles.
1—Pfaudler 60 gal. Jack. Agit. Glass Lined Kettle.
2—Dopp 50 gal. Jacketed, Agitated Kettles.
1—250 gal. Copper Jack. Vac. Still and Receivor.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. Steel Copper Lined Vac. Filter Tank.
1—600 gal. Steel Copper Lined Agit. Tank.
6—30, 35 & 250 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Netteo Drives.
4—Single Punch Preform Tablet Machine, ½" & ¾".
2—Ball & Jewell Rotary Cutters.
3—Homogenizers, 7½ & 10 HP.
4—Watson-Stillman Hydr. Pumps.
2—Blystone 2,000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Coombs Gyratory Sifter, 1/3 HP.
1—Robinson 20" M.D. Attrition Mill.
1—Howe Barrel & Bag Packer.
2—4,000 gal. Vert. Acid Proof Tanks.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12" x 12" x 12" Vacuum Pumps.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
2—Tolhurst 26" & 40" Centrifugals.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel & Wood Tanks, up to 4,000 gal.
2—Schutz-O'Neil 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, 1 to 10 HP.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY
Department E
426 BROOME ST., NEW YORK 13, N. Y.

Positions Vacant

EXPERIENCED COLOR salesman wanted for printing ink industry, metropolitan New York area, by nationally known house. Excellent remuneration, exceptional opportunity for high-class, capable man. Replies held strictly confidential. BOX 328, Oil, Paint and Drug Reporter.

CHEMIST WANTED — Young chemist wanted by progressive lacquer and synthetic enamel manufacturer. Good opportunity for energetic man desiring permanent connection. State full details. BOX 337, Oil, Paint and Drug Reporter.

CHEMIST WANTED with sales experience and preferably mining ability. Must be sober, industrious and a producer; give experience and qualifications and we will give additional details of position. Write Box 1950, Raleigh, N. C.

CHEMIST WANTED—We are looking for a man experienced in pill and tablet production; also general knowledge of automatic packing equipment preferred but not essential. State fully your qualifications in first letter. All replies strictly confidential. BOX 346, Oil, Paint and Drug Reporter.

CHEMIST WANTED—Seeking man who has developed new products for postwar market, such as household cleaners, powder paints and similar specialties which can be marketed in powder form. Give full particulars regarding developments, background, remuneration, etc. BOX 349, Oil, Paint and Drug Reporter.

CHEMIST—Beverage flavor chemist with past experience in cola and true fruit flavors on consulting or assignment basis to develop worthwhile formulae. Submit full details as to experience. BOX 354, Oil, Paint and Drug Reporter.

CHEMIST—GRADUATE, experience preferred, oleo-resinous, pyroxylin, plastic coatings on fabrics. Excellent opportunity. Now and post-war. Write full details. BOX 358, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN to sell colors and resins to New York printing ink trade. Good opportunity; full particulars first letter. BOX 329, Oil, Paint and Drug Reporter.

—*Continued on page 72*

SPECIALS!

DISTILLING COLUMNS:
45" DIA. CHROME-IRON COLUMN containing 26 Bubble Cap Type Plates—saw little service. Drawings available.
8'4" to 10'0" STEEL COLUMN containing 19—8'4" dia. and 9—10'0" dia. Bubble Cap Type Plates. Drawings available.
48" DIA. EVERDUR COLUMN—Bubble Cap Type Plates. An exceptional value.

FITTINGS AND VALVES:
FLANGED ELBOWS, TEES, CROSSES, REDUCERS OF ALL KINDS, UP TO 20".
BRONZE FITTINGS—SCREWED; BRONZE VALVES UP TO 3"; IBBM FLANGED VALVES UP TO 20". All Reconditioned and Guaranteed.

POT STILL—COPPER, HORIZONTAL
1—6'0" dia. x 7'4" long, Flanged Heads, 1,585-gal. cap. Compl. with coils.
TANKS, COPPER AND STEEL.
AMMONIA COOLERS.
BUCKET ELEVATOR, 105'0" high, Buckets 6" x 11", Compl. with Drive, Pulley, and Belt.
HAMMER MILL: Williams, Cap. 1,000 to 1,200 lbs. corn per hour through 1/16" screen
PUMPS—CENTRIFUGAL AND STEAM, all sizes.
4—TANK SAND FILTER SYSTEMS, each 3'0" dia. x 5'0" high, with fittings and "I" Beams.
PEABODY OIL BURNER—Never Used—Suitable for 150 h.p. Boiler.
ACE OIL BURNER—excellent condition.
LAWRENCE TRIPLE EFFECT EVAPORATOR. Complete in one body.
9—COIL-TYPE VACUUM PANS: (Complete with Condensers, Catch-alls, etc.)
2—ANDERSON NO. 3 MOISTURE EXPELLERS.
ROTARY STEAM DRYERS, with Trunnions.

CONDENSERS
Bronze Tube Sheets, Copper Tubes, Copper or Steel Shells Ranging in Size from 100 to 1,000 Sq. Ft. of Surface.

Write for Complete List

ORELAND EQUIPMENT CO.
P. O. BOX "E", ORELAND, PENNA.

STERILIZERS or PRESSURE COOKERS *NEW*

IMMEDIATE DELIVERY - NO PRIORITY
A Perfect Unit for Canning or Hospital Use

Size 18" x 18"- Mounted on steel legs. A clamp-down cover, with safety valve and gauge, inside basket copper, will hold 24 quart mason jars. A 3-burner gasoline burner and steam coil with each Sterilizer.

PRICE $75.00 F.O.B. Philadelphia, Pa.

H. LOEB & SON
4603 Lancaster Ave., Philadelphia 31, Pa.
TRinity 3400

DRUMS RECONDITIONED

CLEANED TESTED
DENTS REMOVED
BAKED ENAMEL
RELINED (High Temp.)

NEWARK STEEL DRUM CO.
C. J. COLVILLE
President
LINDEN, N.J.
Phone 2-4466

INVITATION

We extend a cordial invitation to all our friends to visit us at our new location.

SPECIALS

Abbe 300 gal. Silex Lined Pebble Mill
Buffalo 48 x 40 Vacuum Drum Dryer
Buffalo 24 x 20 Vacuum Drum Dryer
W & P 500 gal. Jack. & Ag. Mixing Kettle
Copper Jack. Kettle, 1000 gals.
Sperry 42" wood plate and frame Filter Press, C. D.
Shriver 24" Filter Press, C. D.
Fuller Kinyon Transport Pump, 12 to 15 ton per hour capacity
5" Premier Colloid Mill
Vallez Rotary Filter, 35 leaf, 957 sq. ft.
Vertical Lead Lined Steel Tank, 400 gal.
Rotary Tablet Machine, Kux-Lohner 1" max. dia.

We buy individual items or complete plants for cash.

MACHINERY & EQUIPMENT CORPORATION (of N.Y.)
533 WEST BROADWAY
NEW YORK 12, N. Y.
GR. 5-6680

EVAPORATOR

Standard Single Effect Vertical Tube

IRON BODY

6 Ft. Dia. x 14'5" High Overall
500—2" O. D. Steel Tubes
1000 Sq. Ft. Heating Surface
14" Dia. Down Draft Tube

EMSCO EQUIPMENT COMPANY
EMIL A. SCHROTH, Owner
41 HYATT AVE., NEWARK 5, N.J.
Phone: Mitchell 2-3536

Business Wants

—Continued from page 71

Positions Wanted

VERSATILE EXECUTIVE — Pharmacist chemist, manufacturing and production experience, background professional promotion and sales, knowledge of personnel supervision and mechanics; seeking position as assistant to busy administrator who wishes to be relieved of the physical effort of his office. BOX 353, Oil, Paint and Drug Reporter.

RESEARCH CHEMIST, Ph.D., specialist with very wide experience in animal glues, gelatin, liquid glue, resinous glue, casein glue, blood albumen, other adhesives, oils, fats, and pharmaceuticals. Own methods. Development, manufacturing. BOX 355, Oil, Paint and Drug Reporter.

ADMINISTRATIVE ENGINEER—Expert in problems of production organization and management, cost control and personnel; in processing and packaging industries. Advanced degrees; 9 years' full-time experience as special problem investigator and production supervisor; 3 years professor of administrative engineering and part-time consultant. Wishes position as assistant to president or top executive; 30 hours per week at present; more possible later. New York City vicinity. Age 34. BOX 360, Oil, Paint and Drug Reporter.

Products Wanted

OLD ESTABLISHED firm, medium size, manufacturing chemicals and specialties, having plants with railroad sidings in east and middlewest, interested in manufacturing additional products, bulk products preferred. Plants have large mixing and storage facilities. BOX 263, Oil, Paint and Drug Reporter.

Consolidated Products Issues Booklet on War Effort

The Consolidated Products Company, New York, of which A. M. Kahn is president, is distributing a booklet entitled "The Contribution of Used Machinery to American War Production." The booklet, prepared in answer to a request by the War Production Board that the Consolidated Products Company describe its contribution to the war effort, is in reality the story of the used machinery industry as a whole. Copies may be obtained by writing the company at 15 Park Row.

Botanical Drugs

—Continued from page 64

scarce to the point of total extinction. Goods for later arrival were mentioned at 16¼c. to 17¼c. per pound, which was virtually the sale picture that could be given of values. Large supplies await forwarding to this country but the time of arrival is vastly indefinite.

Ginger. — Firm in all respects but not very active as concerned spot demand for any and all varieties and grades.

Pepper. — Refusal of OPA to raise black pepper ceilings is not being allowed to end attempts to get an officially higher selling level. Individuals connected with the packing industry, the American Meat Institute, the Commissioner of Agriculture for the state of Virginia, members of the pepper committee of the American Spice Trade Association, are all at work, seeking to prevail on the Office of Price Administration to raise the ceiling. They have an advocate in a representative in Congress for the state of Minnesota who has promised that if no relief is forthcoming in the immediate future, he will take further action including again making an issue of the matter on the floor of the House. OPA and WFA officials say they understand the problem which is receiving serious reconsideration and that some means would be found in the very near future to solve it. The Spice Grinders Section of the American Spice Trade Association believes that efforts for relief will be rewarded soon by the granting of price relief—which relief could only be higher price ceilings.

Recent Imports

All matter under this head fully protected by copyright

ALOES—100 cs, Norwich Pharmacal Co
90 cs

ARAROBA, PWD—25 cs, S B Penick & Co

BABASSU KERNELS—30 bgs, Spencer Kellogg & Sons

BYRONIA ROOT—5 cs, Peek & Velsor

CASEIN—3,016 bgs, 332,460 lbs, H S Cramer & Co
1,000 bgs, 110,230 lbs, American British Chemical Supplies, Inc
508 bgs, 55,997 lbs, M Duche & Sons
4,065 bgs, 440,986 lbs, International Corporation Co, Inc
1,000 bgs, 110,230 lbs, Alfred Schroeder Import Co, Inc
2,000 bgs, 220,460 lbs, Hercules Powder Co
1,215 bgs, 133,929 lbs, Tupman Thurlow Co, Inc
238 bgs, 30,940 lbs, Paul & Stein Bros
1,195 bgs, 146,873 lbs, Casein Co of America
6,324 bgs, 586,000 lbs, American Cyanamid & Chemical Co
732 bgs, 80,635 lbs, Transatlantic Animal By-Products Corp
508 bgs, 66,000 lbs, H S Cramer & Co
1,189 bgs, 131,064 lbs, T M Duche & Sons

CASTOR BEANS—1,700 bgs, 255,000 lbs, National City Bank
1,694 bgs, 254,100 lbs, Guaranty Trust Co
1,700 bgs, 255,000 lbs, Baker Castor Oil Co
940 bgs, 141,000 lbs, Chemical Bank & Trust Co
760 bgs, 114,000 lbs, Spencer Kellogg & Sons

CENTAURY HERBS—1 bl, Peek & Velsor

CHILLIES—218 bgs, Balfour, Guthrie & Co
400 bgs, Barclay Bank

COCOA BEANS—6,000 bgs, 1,200,000 lbs, Guaranty Trust Co
4,500 bgs, 900,000 lbs, Chase National Bank & Trust Co
1,500 bgs, 300,000 lbs, Tradesmen National Bank & Trust Co
4,000 bgs, 800,000 lbs, Bank of the Manhattan Co
1,000 bgs, 200,000 lbs, Bank of New York
1,815 bgs, 363,000 lbs, Curacao Trading
200 bgs, 40,000 lbs, Geck Trading Corp
5,500 bgs, 1,100,000 lbs, Wessel, Kulenkampf & Co

COCOA BEANS—25 bgs, 5,000 lbs, Porcelli Vicini & Co
100 bgs, 20,000 lbs, Rockwood & Co
50 bgs, 10,000 lbs, Gillespie & Co
800 bgs, 160,000 lbs, Machado & Co
750 bgs, 150,000 lbs, General Cocoa Co
1,000 bgs, 200,000 lbs, A C Israel Commodity Co
5,000 bgs, 1,000,000 lbs, Nieschlag & Co
500 bgs, 100,000 lbs, General Food Corp
2,000 bgs, 400,000 lbs, Cocoa Trading Co
100 bgs, 20,000 lbs, Schwabach & Co

COCOABUTTER—22 bgs, 2,970 lbs, Philadelphia National Bank
98 bgs, 14,230 lbs, Chase National Bank & Trust Co
86 bgs, 11,610 lbs, National City Bank
6 bgs, 810 lbs, Guaranty Trust Co
61 bgs, 8,235 lbs, W R Grace & Co

CORK—50 bls, Mundet Cork Co
23 bls, Royal Shipping Co
10 bls, Chase National Bank & Trust Co

AGLOMERATED—400 cartons, R J Godwin & Co

DISCS—55 bgs, Mundet Cork Co

INSULATOR AND BOARDS—4,000 cartons, Cork Importing Co

SHAVINGS—390 bls, Armstrong Cork Co

VIRGIN—3,097 bls, Armstrong Cork Co
620 bls, Wicander & Co

WASTE—1,202 bls, Wicander & Co
2,264 bls, Crown Cork & Seal Co
2,014 bls, Armstrong Cork Co

WOOD—993 bls, Armstrong Cork Co
35 bls, Fred Henjes, Jr
126 bls, Bridgetts & Co
200 bls, Koons, Wilson Co

GRAINS OF PARADISE—20 bgs, Barclay Bank

GUM, ARABIC—100 bgs, Henry Heide & Co
50 bgs, American Cyanamid & Chemical Corp
50 bgs, Orbis Product Corp
50 bgs, R J Prentiss & Co
500 bgs, T M Duche & Sons
100 bgs, Paul A Dunkel & Co
50 bgs, National Starch Product, Inc
50 bgs, W E Martin & Co
50 bgs, E Meer & Co
50 bgs, Rountree & Co
50 bgs, Thurston & Braidich
100 bgs, Pine Bros
50 bgs, Frank Vliet Co, Inc
10 bgs, A D Isbetcherian

HAIR, CATTLE—13 bgs, Hair & Fiber Supply Co

GOAT—68 bls, Standard Bank South Africa
49 bls

IPECAC ROOT—9 bgs, Wessel, Duval & Co

IRISH MOSS—35 bls, Jacques Wolf & Co

JABORANDI LEAVES—7 bls, S B Penick & Co

LAUREL LEAVES—50 bls, Wm M Allison & Co
34 bls, Louis Firth, Inc
50 bls, Becker Mayer Seed Co

LEECHES—10 cs, C Jacobellis
6 cs

MACE—43 bbls, B H Old & Co
6 cs, Gonzaley & Blanca
1 bbl, Gonzaley & Blanca

MELISSA HERBS—5 bls, Peek & Velsor

NUTMEGS—31 bgs, Chilli Product Co
30 bgs, Middleton & Co
10 bgs, Thomas Scott & Co

OIL, BABASSU—261 dms, Chemical Bank & Trust Co

CODLIVER—24 dms, E R Squibb & Sons
80 dms, J J Gavin & Co
20 dms, Peter Devold Oil Co

OITICICA—30 dms, United States Commercial Co
10 dms, W R Grace & Co

ORANGE, BITTER—6 cs, Continental Bank & Trust Co

PALM—889 tons, Balfour, Guthrie & Co

TUCUM—80 bbls, E F Drew & Co

ORRISROOT—40 bgs, Superintendence Co
89 bgs, Peek & Velsor

PALM KERNELS—29,208 bgs, United States Commercial Co

PITCH, BAGASSE—565 bgs, South Porto Rican Sugar Co

ROSIN—10 cs, Schutte & Focke

TAPIOCA FLOUR—1,000 bgs, Corn Product Refg Co
1,000 bgs, National Starch Product Co

TUCUM KERNELS—2,077 bgs, E F Drew & Co
1,538 bgs, General Food Corp

WAX, BEES—10 bgs, Machado & Co
4 bgs, Schutte & Focke
1 bg, Geck Trading Co
19 bgs, Curacao Trading Co

CARNAUBA—156 bgs, American Cyanamid & Chemical Corp
147 bgs, Strahl & Pitsch
40 bgs, Wax & Rosin Product, Inc
23 bgs, Smith & Nichols
135 bgs, Wessel, Duval & Co
88 bgs, W R Grace & Co
7 bgs, Asiatic Petroleum Corp
94 bgs, Enco Chemical Corp
25 bgs, R T French & Co
18 bgs, McArthur Chemical Co
51 bgs, Innis, Speiden & Co

OURICURY—168 bgs, J Henry Schroeder Banking Corp
112 bgs, Brown Bros Harrimann Co
65 bgs, W R Grace & Co
12 bgs, American Cyanamid & Chemical Corp

Hardwicke Succeeds Mitchell as PAW Counsel

Robert E. Hardwicke, of Fort Worth, Tex., will be appointed chief counsel of the Petroleum Administration for War, Deputy Petroleum Administrator Ralph K. Davies has announced. He will succeed J. Howard Marshall, who is resigning to return to his law firm in San Francisco. Mr. Hardwicke, who is recognized as one of the leading oil attorneys in the Southwest, has been PAW's associate chief counsel since November, 1943. Previously he had been serving as a special consultant to PAW.

GUMS
FOUNDED T & B 1855
Arabic • Karaya • Tragacanth
T & B STANDARDIZED GUMS
are your best protection against production difficulties
THURSTON & BRAIDICH
286 Spring Street, New York 13, N. Y.

GUMS
ARABIC KARAYA TRAGACANTH
QUINCE SEED
GALL NUTS
D. S. DALLAL & CO., 261 Fifth Avenue, New York, 16
IMPORT MUrray Hill 3-0452-0453 EXPORT

VANILLA BEANS
ZINK & TRIEST CO.
15 LOMBARD ST. PHILADELPHIA 47, PA.

GUMS
RIBBON TRAGACANTH
SHIRAZ FLAKES
ARABIC — BEESWAX
GALL NUTS
M. N. HAKKAK & CO., 261 Fifth Ave., New York City 16, N.Y.

M. Cortizas Company
IMPORTERS OF VANILLA BEANS ALL VARIETIES
1316 ARCH STREET PHILADELPHIA 7, PA.
CABLE ADDRESS—CALGICA · CODES: BENTLEYS SECOND PHRASE & PRIVATE

GUM
KARAYA
TRAGACANTH
ARABIC
LOCUST
WRITE FOR PARTICULARS
ORBIS
PRODUCTS CORPORATION
115 PEARL ST., NEW YORK — Factory, NEWARK, N. J.

UNION Rebuilt Machinery Established 1912
IN STOCK . . READY FOR IMMEDIATE DELIVERY!
ALL OFFERINGS SUBJECT PRIOR SALE!
Wire Collect for Prices and Details!

Just secured
KNAPP ADJUSTABLE CAN LABELING MACHINE

2—Mikro Pulverizers equipped with 50 H.P. motors.
2—Karl Kiefer Rotary Viscol type Filling Machines.
1—Abbe 4' diameter Pebble Mill.
National Equipment 100-gallon latest style Colony Homogenizer with stainless steel two stage head.
1—Huhn Steam Dryer.
1—Elgin 24 Spout Rotary Vacuum Filling Machine.
1—Colton Ossilating Granulator.
2—Galvanized tilting type Percolators, 200-gallon capacity.
1—World Fully Automatic Labeling Machine.
1—Filler four Plunger Filling Machine.
1—J. H. Day No. 2 Double Arm, heavy duty, motor driven.
1—Ermold and 1 World Semi-Automatic Labeling Machines.
2—Day 3 roll Roller Mills 16" x 40" horizontal type with roller bearings, direct motor drive.
2—Kent 3-roll Roller Mills, 16" x 40" horizontal type motor drive.

WE PAY CASH FOR SINGLE MACHINES OR ENTIRE PLANTS
Union Standard Equipment Co.
318-322 Lafayette Street
New York 12, N. Y.

CLEANING MILLING
GUMS, DRUGS
FOOD PRODUCTS
To
Your Specifications
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK 5, N. J.

AVIQUIPO
AROUND THE WORLD

Index to Advertisements

Alexander, Jerome 68
Amcon Trading Corp 55
American Agricultural Chemical Co.. 1
American British Chem. Supplies, Inc. 41
American Cholesterol Products, Inc.. 60
American Colloid Co 52
American Cyanamid & Chemical Corp. 12, 13
American Potash & Chemical Corp.. 58
Angus, W. W., Inc 74
Ansul Chemical Co 45
Association of Consulting Chemists & Chemical Engineers, Inc 68
Atlantic Coast Fisheries Co 61
Atlas Powder Co 58
Aviquipo, New York City 72

Bakelite Corp 36
Baker, J. T., Chemical Co 8
Bancroft Laboratories 68
Barab, J 68
Barber Asphalt Corp 50
Barium & Chemicals, Inc 41
Barium Reduction Corp 41
Barnett Laboratories 61
Barrett Division 46, 69
Bay Chemical Co., Inc 40
Berlage, J., Company 61
Biological Raw Products Co 61
Brill Equipment Co 71
Brode Corp., The 53
Buffalo Electro-Chemical Co., Inc.... 43
Bureau of Chemistry 68

Calif. Fruit Growers Exchange, Products Dept. 24, 57
Carbide & Carbon Chemicals Corp... 2
Centflor Manufacturing Co 66
Ceramic Color & Chemical Mfg. Co.. 48
Chemical Products Corp 45
Chemical Sales Corp 74
Chemical Solvents, C. P., Inc 74
Chemo-Puro Mfg. Corp 57
Church & Dwight Co., Inc 41
Coleman & Bell Co 58
Colgate-Palmolive-Peet Co 60
Colton, Arthur, Co 52
Commercial Solvents Corp 6
Connecticut Hard Rubber Company.. 66
Consolidated Products Co., Inc 70
Continental Can Co 28
Continental Refining Co 67
Cortizas, M., Company 72
Cowles Detergent Co 30
Crosby Naval Stores, Inc 54
Croton Chemical Corp 44
Crown Can Co 19
Cummins & Grant 68

Dallal, D. S., & Co 72
Darling & Co 54
Day Chemical Co 68
Dickerson Company 69
Diehl, Wm., & Co 53
Doggett, Stanley, Inc 52
Douglas Guardian Warehouse Co 22
Dow Chemical Co 23
Dreyer, P. R., Inc 65
Du Pont de Nemours, E. I., & Co., Inc. 73
Durez Plastics & Chemicals, Inc 34

Edcan Laboratories 61
Edwal Laboratories 68
Ehrlich, J 68
Ellis-Foster Co 68
Emsco Equipment Co 71
Evans, Ralph L., Associates 68

Faesy & Besthoff, Inc 74
Fairmount Chemical Co., Inc 42
Felton Chemical Co., Inc 66
Fezandie & Sperrle 48
First Machinery Corp 70
Florasynth Laboratories, Inc 65
Food Research Laboratories 68
Franks Chemical Products Co 50
Freeport Sulphur Co 73
Fries & Fries, Inc 61
Fritzsche Bros., Inc 65

Gartenberg, H., & Co., Inc 48
General American Transportation Corp. 14
General Drug Co 25
General Electric Co 35
General Magnesite & Magnesia Co... 40
Golwynne Chemicals Corp 10
Gray Industrial Laboratories 68
Gray, William S., & Co 1
Greeff, R. W., & Co 51
Gross, A., & Co 53
Gruman, J. B., Co 72

Hakkak, M. N., & Co 72
Hallowell, Horace J 68
Hardesty, W. C., Co 54
Hercules Powder Co., Inc 29
Heyden Chemical Corp 49
Hopkins, J. L., & Co 63
Hunt Chemical Works, Inc 44
Hutchinson, D. W., & Co., Inc 65

Imperial Paper & Color Corp 51
Independent Mfg. Co 55
Inland Alkaloid Company 59
Interboro Chemical Co 44
International Minerals & Chemical Corp. 42
International Selling Corp 45

Jones & Laughlin Steel Corp 47
Jones Medical Laboratories, Inc 66

Kansas City Limeolith Co 52
Kelco Company 63
Kentucky Color & Chemical Co., Inc. 52
Keto Chemical Co., Inc 60
Knight, B. H 68
Koppers Co 47
Krumbhaar Chemicals, Inc 50

Lamon Chemical Corp 61
Laning, E. M., Co 68
Laucks Laboratories, Inc 68
LaWall & Harrisson 68
Lawson, W. P., Inc 40
Leberco Laboratories 68
Leghorn Trading Co,, Inc 58
Leonhard, Theodor, Wax Co., Inc 55
Loeb, H., & Son 71
Lucidol Corp 59
Lueders, George, & Co 65

Maas, A. R., Chemical Co 42
Machinery & Equipment Corp 71
Magnus, Mabee & Reynard, Inc 65
Malmstrom, N. I., & Co 21
Mefford Chemical Co 60
Metalsalts Corp 61
Michigan Chemical Corp 45
Molnar Laboratories 68
Monsanto Chemical Co 37
Munch Laboratory 68
Mutual Chemical Co. of America 48

National Rosin Oil & Size Co 50
National Starch Products, Inc 51
Natural Products Refining Co 48
Naylee Chemical Company 44
Neuberg, William D., Co 11
Neville Company 43
Newark Steel Drum Co 71
New England Collapsible Tube Co.... 20
Niagara Alkali Company 27
Niagara Chlorine Products Co 67
Nuodex Products Co., Inc 67

Orbis Products Corp 72
Oreland Equipment Co 71
Oronite Chemical Co 43
Orthmann Laboratories, Inc 68

Pacific Coast Borax Co 1
Parsons, M. W 52
Peek & Velsor, Inc 64
Penick, S. B., & Co 62
Pennsylvania Refining Corp 67
Pennsylvania Salt Mfg. Co 44
Pfizer, Chas., & Co., Inc 39
Phelps Dodge Refining Corp 44
Philadelphia Quartz Co 45
Philipp Brothers, Inc 44
Pittsberg Chemical Co 41
Polachek, Z. H 68
Polak & Schwarz, Inc 66
Potash Co. of America 69
Prentiss, R. J., & Co., Inc 43, 64
Prior Chemical Corp 1
Procter & Gamble 53, 58
Publicker Commercial Alcohol Co.... 1
Purdy, W. S., Co., Inc 68
Pure Calcium Products Division 1
Purocaine Chemical Co., Inc 59

Raisch, John E., & Co 68
Read, Chas. L., & Co., Inc 42
Reichard-Coulston, Inc 52
Reichhold Chemicals, Inc 15
Rheem Mfg. Co 26
Rosenthal, H. H., Co 60
Rufert Chemical Co 10

Sadtler, Samuel P., & Son, Inc 68
St. Joseph Lead Co 33
Schepp Laboratories 68
Schimmel & Co., Inc 66
Schwab Brothers Corp 52
Schwarz Laboratories, Inc 68
Seil, Putt & Rusby, Inc 68
Seydel Chemical Co 61
Sharples Chemicals, Inc 74
Shell Chemical Div 16
Sherman, Clayton Abrasive Corp..... 50
Sherwood Refining Co., Inc 67
Silmo Chemical Corp 61
Smith Chemical & Color Co., Inc..... 74
Snell, Foster D., Inc 68
Solvay Sales Corp 31
Standard Alcohol Co 52
Standard Brands, Inc 56
Standard Drug Co., Inc 60
Standard Specialty & Tube Co 59
Standard Ultramarine Co 52
Stauffer Chemical Co 42
Stein Equipment Co 71
Stillman & Van Siclen, Inc 68
Stillwell & Gladding 68

Tennessee Products Corp 40
Thornton, F. C., Co 55
Thurston & Braidich 72
Titanium Pigment Corp 32
Turner, Joseph, & Co 50

Unified Laboratories, Inc 68
Union Bag & Paper Corp 54
Union Carbide & Carbon Corp..... 2, 36
Union Standard Equipment Co 72
U. S. Industrial Chemicals, Inc.. 17, 18, 34
United States Potash Co., Inc 69
Uphof, J. C., Th 68

van Ameringen-Haebler, Inc 66
Velsicol Corp 35
Victor Chemical Works 45
Viking Distributing Co 66
Virginia Smelting Co 45
Vitamins, Inc 60
Vitro Manufacturing Co 45

Waterman, Herbert 68
Wax & Rosin Products 61
Weiss, John M., & Co 68
Wiley & Co., Inc 68
Will & Baumer Candle Co., Inc 55
Wilson-Martin Div 53

Ziegler Pharmacal Co 60
Zink & Triest Co 72
Zinsser & Co., Inc 42

SULPHUR

Ample stocks of 99.5% pure crude sulphur — free from arsenic, selenium and tellurium — plus up-to-date production and shipping facilities at our mines at Port Sulphur, Louisiana, and Freeport, Texas, assure our customers the utmost in steady, dependable service.

FREEPORT SULPHUR COMPANY

122 East 42nd Street, New York 17

OPD—9-11-1944 73

DU PONT CHLORINATED SOLVENTS

For general industrial use where non-flammable or moderately flammable solvents are indicated. Powerful, highly penetrating solvents for fats, oils, waxes and other organic material, easily removed from extracted residues by distillation.

	Boiling Range, °C	Lbs. per gal.
Methylene Chloride (Dichlormethane)	39.3–40.1	11.08
Chloroform, U.S.P. & Technical	60.4–61.4	12.43
Carbon Tetrachloride, U.S.P. & Technical	75.2–76.1	13.31
Trichlorethylene	86.5–87.5	12.30
Perchlorethylene (Tetrachlorethylene)	120.5–122.0	13.55
Tetrachlorethane (Acetylene Tetrachloride)	146.3*	13.31
Pentachlorethane	161.9*	14.00

*Approximate boiling point

At present, use of these solvents, with some exceptions, is limited to war production. Limited amounts, however, are available for research and experimentation. Consult our nearest district office for technical information and changes in the supply situation. Baltimore, Boston, Charlotte, Chicago, Cleveland, Kansas City*, New York, Philadelphia, San Francisco. Or write direct to: E. I. du Pont de Nemours & Co. (Inc.), Electrochemicals Department, Wilmington 98, Delaware.

*Barada & Page, Inc.

DU PONT

DU PONT ELECTROCHEMICALS

BETTER THINGS FOR BETTER LIVING . . . THROUGH CHEMISTRY

C. P. Acetone Butyl Alcohol Butyl Acetate

A Stable Product of Exceptional Quality

CHEMICAL SOLVENTS

Incorporated

60 Park Place Telephones: BArclay 7-8862 MArket 2-3650 Newark 2, N. J.

SHARPLES TRADE MARK CHEMICALS

n-BUTYL MONOETHANOLAMINE

n-BUTYL DIETHANOLAMINE

Preparation of emulsifying and wetting agents

SHARPLES CHEMICALS Inc.

PHILADELPHIA CHICAGO NEW YORK

INDUSTRIAL and REAGENT CHEMICALS

COAL TAR PRODUCTS

PHONE GRANT 3750

CHEMICAL SALES CORPORATION OF PITTSBURGH

1900 GRANT BUILDING

CHEMICAL SALES CORPORATION

PITTSBURGH (19,) PENNSYLVANIA

Faesy & Besthoff, Inc.

EXPORT IMPORT

22 EAST 40th STREET, NEW YORK CITY. CABLE: TRUFABEST

SOLVENTS-PLASTICIZERS

Acetone — Isopropyl Alcohol 91% and 99%

Methyl Ethyl Ketone — Ethyl Alcohol—Proprietary

Ethyl Acetate — Methanol 99.8%

Isopropyl Acetate

•

Butyl Alcohol — Butyl Acetate

Normal and Secondary

Isoamyl Alcohol 127-132° C. — ANGUS INC. — Amyl Acetate Standard, High Test, C. P.

Refined Fusel Oil

•

PHTHALATES

Dibutyl — Diethyl — Dimethyl

Dibutyl Tartrate — Butyl Stearate

Also Special Solvents and Plasticizers

W. W. ANGUS, INCORPORATED

220 BROADWAY NEW YORK 7, N. Y.

Effectively Serving the Industries

For Over a Quarter Century

DEPENDABLE

"Smithko" Products

Asbestos	Drop Black	Mica
Barytes	Gilsonite	Pumice Stone
Blanc Fixe	Iron Oxides	Silica
Calcium Carbonate	Lamp Black	Stearates
Chrome Oxides	Magnesium Oxide	Talcs
Clays	Manganese Oxide	Tall Oil

• • • • •

Representing Manufacturers of National Reputation

Available Technical Data Upon Request

SMITH CHEMICAL & COLOR CO.

INCORPORATED 1918

55 John Street Brooklyn 1, New York